



CATALOG 1966-1967

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VOLUME 56 · NUMBER 1

OCTOBER 1966



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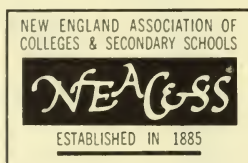
OCTOBER 1966



CATALOG 1966-1967

General information about Amherst College is available upon request from the Office of the Secretary, Box 611, Amherst, Massachusetts 01002.

This is Amherst, an illustrated booklet describing life at Amherst College, and *Costs and Financial Aid at Amherst* are available on request from the Dean of Admission.



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1966-1968

JULY 1966							AUGUST							SEPTEMBER							OCTOBER						
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NOVEMBER							DECEMBER							JANUARY 1968							FEBRUARY						
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MARCH							APRIL							MAY							JUNE						
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COLLEGE CALENDAR

1966

September 14, Wednesday. Classes begin, 9:00 A.M.

October 22, Saturday. Wesleyan football game at Middletown. A holiday.

November 12, Saturday. Williams football game. A holiday.

November 22, Tuesday. Thanksgiving recess begins, 5:00 P.M.

November 28, Monday. Thanksgiving recess ends, 8:40 A.M.

December 17, Saturday. Christmas recess begins, 12:50 P.M.

1967

January 2, Monday. College facilities open.

January 4–10, Wednesday–Tuesday. One week of classes.

January 12–18, Thursday–Wednesday. First Semester examination period.

January 23, Monday. Beginning of Second Semester.

March 17, Friday. Spring vacation begins.

April 3, Monday. Spring vacation ends.

May 6, Saturday. Dance holiday.

May 13, Saturday. Classes end, 12:50 P.M.

May 15–17, Monday–Wednesday. Study period.

May 18–24, Thursday–Wednesday. Second Semester examination period.

June 2, Friday. Commencement.

I

THE CORPORATION

FACULTY

FELLOWS

ADMINISTRATION

The Corporation

CHAIRMAN OF THE CORPORATION

John Jay McCloy, LL.B., *New York, New York*

PRESIDENT OF THE COLLEGE

Calvin Hastings Plimpton, M.D., MED.SC.D., *Amherst, Massachusetts*

TRUSTEES

Henry Selden Kingman, B.A., *Minneapolis, Minnesota*

Francis Taylor Pearsons Plimpton, LL.B., *New York, New York*

Julius Seelye Bixler, PH.D., *Jaffrey, New Hampshire*

Kendall Bush DeBevoise, LL.B., *New York, New York*

Walter Gellhorn, LL.B., *New York, New York*

Oliver Boutwell Merrill, LL.B., *New York, New York*

John Anthony Hill, LL.B., *New York, New York*

Harry William Knight, M.B.A., *Darien, Connecticut*

Alfred Friendly,* B.A., *Washington, District of Columbia*

William Henry Hastie,* S.J.D., *Philadelphia, Pennsylvania*

Everett Milton Hicks,* M.B.A., *Worcester, Massachusetts*

Walter Orr Roberts,* PH.D., *Boulder, Colorado*

George Leslie Cadigan,* D.D., *St. Louis, Missouri*

George Bickley Beitzel,* M.B.A., *Chappaqua, New York*

SECRETARY OF THE CORPORATION

James Alfred Guest, LL.B., *Amherst, Massachusetts*

TRUSTEES EMERITI

Robert Washburn Maynard, LL.B., *Boston, Massachusetts*

Arthur Lee Kinsolving, B.D., *New York, New York*

Lewis Williams Douglas, B.A., *Phoenix, Arizona*

Eustace Seligman, LL.B., *New York, New York*

Frank Learoyd Boyden, B.A., *Deerfield, Massachusetts*

*The terms of the Alumni Trustees expire as follows: Alfred Friendly, 1967; William Henry Hastie, 1968; Everett Milton Hicks, 1969; Walter Orr Roberts, 1970; George Leslie Cadigan, 1971; George Bickley Beitzel, 1972.

COMMITTEES OF THE CORPORATION

The Chairman of the Corporation and the President of the College are members, *ex officio*, of all committees.*

Executive Committee. Messrs. Bixler, DeBevoise, Friendly, Gellhorn, Hicks, Hill, Knight, Merrill (Chairman), Plimpton.

Budget and Finance Committee. Messrs. DeBevoise, Friendly, Hicks, Hill (Chairman), Kingman, Merrill, Seligman.

Investment Committee. Messrs. Hicks, Hill, Kingman, Knight, Merrill (Chairman), Plimpton.

Instruction Committee. Messrs. Beitzel, Bixler, Boyden, Cadigan, DeBevoise, Friendly, Gellhorn, Hastie, Plimpton (Chairman), Roberts, Seligman.

Buildings and Grounds Committee. Messrs. Beitzel, Bixler, Boyden, Cadigan, DeBevoise (Chairman), Hastie, Hicks, Hill, Kingman, Merrill, Seligman.

Honorary Degrees Committee. Messrs. Bixler (Chairman), Boyden, Cadigan, Friendly, Gellhorn, Hastie, Plimpton, Roberts, Seligman.

Folger Shakespeare Library Committee. Messrs. Bixler, Friendly (Chairman), Hastie, Plimpton, Roberts, Seligman.

Committee on Fraternities and Student Life. Messrs. Beitzel, Bixler, Cadigan, DeBevoise, Gellhorn (Chairman), Hastie, Knight, Merrill.

Compensation Committee. Messrs. Cadigan, Gellhorn, Hicks (Chairman), Hill, Kingman, Knight, Roberts, Seligman.

Committee on Development. Messrs. Beitzel, Hill, Knight (Chairman), Merrill, Plimpton, Roberts.

* The committee listings are preliminary and will be voted finally at the Autumn 1966 meeting.

Faculty

Calvin Hastings Plimpton, *President of the College*. B.A. (1939) Amherst College; M.D. (1943), M.A. (1947) Harvard University; Med. Sc.D. (1951) Columbia University; LL.D. (1960) Williams College; LL.D. (1961) Wesleyan University; Sc.D. (1962) Rockford College; LL.D. (1962) Doshisha University; L.H.D. (1962) University of Massachusetts; Sc.D. (1963) Saint Mary's College; LL.D. (1963) St. Lawrence University; Litt.D. (1965) American International College; Sc.D. (1966) Trinity College.

Robert Byron Whitney, *Acting Dean of the Faculty*. B.A. (1924), Ph.D. (1927) University of Minnesota; M.A. (hon. 1944) Amherst College.

Prosser Gifford, *Dean of the Faculty*. B.A. (1951) Yale University; B.A. (1953) Merton College, Oxford University; LL.B. (1956) Harvard Law School; Ph.D. (1964) Yale University.

Eugene Smith Wilson, *Dean of Admission*. B.A. (1929) Amherst College.

William Lamson Swartzbaugh, *Associate Dean of the College*. B.A. (1944) Dartmouth College; B.D. (1949) Yale University; M.A. (1952), Ph.D. (1957) Ohio State University.

Cortland Van Rensselaer Halsey, *Associate Dean of Admission*. B.A. (1950) Rutgers University; M.A. (1952) University of Rhode Island; Ph.D. (1956) University of Pennsylvania.

Nathaniel Reed, *Assistant Dean*. B.A. (1955), Ph.D. (1964) Yale University.

Donald McMillan Routh, *Assistant Dean*. B.A. (1958) Amherst College; M.A.T. (1960) Johns Hopkins University.

Robert Appleby Ward, *Assistant Dean of Students*. B.A. (1957) Amherst College; Ed.M. (1966) Harvard University.

Robert Freeman Grose, *Registrar*. B.A. (1944); M.S. (1947), Ph.D. (1953) Yale University.

EMERITI

Charles Woolsey Cole, *President, Emeritus*. B.A. (1927) Amherst College; A.M. (1928), Ph.D. (1931) Columbia University; L.H.D. (1942) Amherst College, (1951) University of Massachusetts, (1953) Trinity College; LL.D. (1946) Wagner College, (1946) Wesleyan University, (1946) Williams College, (1952) American International College, (1953) Doshisha University, (1954) Columbia University, (1960) Amherst College; Litt.D. (1948) Hamilton College; Sc.D. (1948) Clarkson College.

AMHERST COLLEGE

George William Bain, *Samuel A. Hitchcock Professor of Mineralogy and Geology, Emeritus*. B.Sc. (1921), M.Sc. (1923) McGill University; M.A. (1923), Ph.D. (1927) Columbia University; M.A. (hon. 1941) Amherst College.

Ralph Alonzo Beebe, *Massachusetts Professor of Chemistry, Emeritus*. B.A. (1920) Amherst College; Ph.D. (1923) Princeton University.

Paul Witherspoon Eckley, *Professor of Physical Education, Emeritus*. B.A. (1917) Cornell University; M.A. (hon. 1949) Amherst College.

George Banks Funnell, *Professor of French, Emeritus*. B.A. (1924) Amherst College; M.A. (1928) Harvard University.

George Rolfe Humphries, *Lecturer in English, Emeritus*. B.A. (1915), M.A. (hon. 1950) Amherst College.

Michael Joseph Kennedy, *Associate Professor of Physical Education, Emeritus*.

Sterling Power Lamprecht, *Emily C. Jordan Folger Professor of Philosophy, Emeritus*. B.A. (1911) Williams College; M.A. (1912) Harvard University; B.D. (1915) Union Theological Seminary; Ph.D. (1918) Columbia University; M.A. (hon. 1934) Amherst College; Litt.D. (1957) Williams College.

Karl Lowenstein, *William Nelson Cromwell Professor of Jurisprudence and Political Science, Emeritus*. B.L. (1914), D.C.L. (1919) University of Munich; M.A. (hon. 1940) Amherst College.

Allison Wilson Marsh, *Professor of Hygiene and Physical Education, Emeritus*. B.A. (1913) Amherst College; M.Ed. (1925) Harvard University; L.H.D. (1963) Amherst College.

Harold Henry Plough, *Edward S. Harkness Professor of Biology, Emeritus*. B.A. (1913) Amherst College; M.A. (1915), Ph.D. (1917) Columbia University; Sc.D. (1963) Amherst College.

Edward Dwight Salmon, *Winkley Professor of History, Emeritus*. B.S. (1917) University of Rochester; M.A. (1923), Ph.D. (1934) Harvard University; M.A. (hon. 1938) Amherst College.

Oscar Emile Schotté, *Rufus Tyler Lincoln Professor of Biology, Emeritus*. B.S. (1920), Sc.D. (1925) University of Geneva; M.A. (hon. 1944) Amherst College.

Atherton Hall Sprague, *Professor of Mathematics, Emeritus*. B.A. (1920) Amherst College; M.A. (1923), Ph.D. (1941) Princeton University.

George Rogers Taylor, *George D. Olds Professor of Economics, Emeritus*. Ph.B. (1921), Ph.D. (1929) University of Chicago; M.A. (hon. 1939) Amherst College.

FACULTY

Willard Long Thorp, *Professor of Economics, Emeritus*. B.A. (1920) Amherst College; M.A. (1921) University of Michigan; Ph.D. (1924) Columbia University; LL.D. (1935) Marietta College, (1949) Amherst College, (1950) Albright College, (1960) University of Massachusetts, (1960) University of Michigan.

Charles Hansen Toll, *Professor of Philosophy and Psychology, Emeritus*. B.A. (1904) Hamilton College; M.A. (1905) Harvard University; Ph.D. (1909) University of Freiburg; M.A. (hon. 1934) Amherst College.

Ralph Coplestone Williams, *Professor of French, Emeritus*. B.A. (1908), Ph.D. (1917) The Johns Hopkins University; M.A. (hon. 1934) Amherst College.

LECTURER

Archibald MacLeish, *Simpson Lecturer in English*. B.A. (1915) Yale University; LL.B. (1919) Harvard University; M.A. (hon. 1932) Tufts College; Litt.D. (1938) Wesleyan University, (1938) Colby College, (1939) Yale University, (1941) University of Pennsylvania, (1946) University of Illinois, (1948) Washington University, (1954) Columbia University, (1955) Harvard University; L.H.D. (1940) Dartmouth College; D.C.L. (1941) Union College; D.H.L. (1942) Williams College; LL.D. (1941) Johns Hopkins University, (1943) University of California, (1948) Queens University, Ontario, (1956) Carleton College, (1963) Amherst College.

PROFESSORS

Hugh George Jeffrey Aitken, *Professor of Economics*. B.A. (1943), M.A. (1947) St. Andrews University; M.A. (1948) University of Toronto; Ph.D. (1951) Harvard University; M.A. (hon. 1966) Amherst College.

Arnold Boris Arons,* *Professor of Physics*. M.E. (1937), M.S. (1940) Stevens Institute of Technology; Ph.D. (1943) Harvard University; M.A. (hon. 1953) Amherst College.

Theodore Baird, *Samuel Williston Professor of English*. B.A. (1921) Hobart College; M.A. (1922), Ph.D. (1929) Harvard University; M.A. (hon. 1939) Amherst College.

Bruce Buzzell Benson, *Professor of Physics*. B.A. (1943) Amherst College; M.S. (1945), Ph.D. (1947) Yale University.

Robert Charles Birney,* *Professor of Psychology*. B.A. (1952) Wesleyan University; M.A. (1953), Ph.D. (1955) University of Michigan; M.A. (hon. 1965) Amherst College.

*On leave 1966-67.

AMHERST COLLEGE

Walter Leroy Boughton, *Stanley King Professor of Dramatic Arts and Director of Kirby Memorial Theater*. B.A. (1941), M.A. (1949) Brown University; M.F.A. (1951) Yale University; M.A. (hon. 1964) Amherst College.

Robert Hermann Breusch, *Professor of Mathematics*. Ph.D. (1932) University of Freiburg; M.A. (hon. 1954) Amherst College.

Bailey LeFevre Brown, *Professor of Mathematics*. B.A. (1924) Amherst College; M.A. (1925) Princeton University.

Stephen Brown, *College Physician & Parmly Billings Professor of Hygiene*. B.A. (1928) Amherst College; M.D. (1932) Yale University.

Jeffrey James Carre, *Professor of Romance Languages*. B.A. (1940) Bowdoin College; Ph.D. (1950) Columbia; M.A. (hon. 1964) Amherst College.

Arnold Collery, *Professor of Economics*. B.A. (1950) University of Buffalo; Ph.D. (1958) Princeton University; M.A. (hon. 1964) Amherst College.

Henry Steele Commager, *Winthrop H. Smith Professor of American History*. Ph.B. (1923), M.A. (1924), Ph.D. (1928) University of Chicago; M.A. (hon. 1947) Cambridge University, (hon. 1952) Oxford University, (hon. 1957) Amherst College; Litt.D. (1958) Washington College, (1958) Ohio Wesleyan University, (1959) Monmouth College; Ed.D. (1960) Rhode Island College of Education; LL.D. (1960) Brandeis University, (1960) Michigan State University, (1962) Franklin and Marshall College; D.Litt. (1962) Cambridge University; L.H.D. (1962) University of Hartford, (1963) University of Puget Sound; Honorary Fellow, Peterhouse; D.C.L. (1964) Alfred University.

Haskell Robert Coplin, *Professor of Psychology and Student Counselor*. B.A. (1947), M.A. (1948), Ph.D. (1951) University of Michigan; M.A. (hon. 1957) Amherst College.

George Armour Craig, *Professor of English*. B.A. (1937) Amherst College; M.A. (1938), Ph.D. (1947) Harvard University.

Benjamin Haile DeMott, *Professor of English*. B.A. (1949) George Washington University; M.A. (1950), Ph.D. (1953) Harvard University; M.A. (hon. 1960) Amherst College.

Joseph Epstein, *Professor of Philosophy*. B.S.S. (1939) City College of New York; Ph.D. (1951) Columbia University; M.A. (hon. 1961) Amherst College.

Richard Martin Foose, *Professor of Geology*. B.S. (1937) Franklin and Marshall College; M.S. (1939) Northwestern University; Ph.D. (1942) Johns Hopkins University; M.A. (hon. 1964) Amherst College.

Reginald Foster French, *Professor of Romance Languages*. B.A. (1927) Dartmouth College; M.A. (1928), Ph.D. (1934) Harvard University; M.A. (hon. 1947) Amherst College.

FACULTY

John Burt Halsted, *Professor of History*. B.A. (1948), M.A. (1949) Wesleyan University; Ph.D. (1954) Columbia University; M.A. (hon. 1966) Amherst College.

Edward Robert Harrison, *Visiting Professor of Astronomy*. Fellow, Institute of Physics (England); Fellow, Royal Astronomical Society.

Alfred Freeman Havighurst, *Professor of History*. B.A. (1925) Ohio Wesleyan University; M.A. (1928) University of Chicago; Ph.D. (1936) Harvard University; M.A. (hon. 1955) Amherst College.

William Michael Hexter, *Professor of Biology*. B.A. (1949) University of California (Berkeley); M.A. (1951), Ph.D. (1953) University of California; M.A. (hon. 1966) Amherst College.

Ernest Alfred Johnson, *Professor of Romance Languages*. B.A. Amherst College (1939); M.A. (1940) University of Chicago; M.A. (1941), Ph.D. (1950) Harvard University.

W(illiam) Denis Johnston, *Visiting Professor of Dramatic Arts*. M.A., LL.M. (1926) Christ's College, Cambridge University.

Gail Kennedy,* *Henry C. Folger Professor of Philosophy*. B.A. (1922) University of Minnesota; Ph.D. (1928) Columbia University; M.A. (hon. 1940) Amherst College.

William Elmer Kennick, *Professor of Philosophy*. B.A. (1945) Oberlin College; Ph.D. (1952) Cornell University; M.A. (hon. 1962) Amherst College.

George Wallace Kidder, *Stone Professor of Biology*. B.A. (1926) University of Oregon; M.A. (1929) University of California; Ph.D. (1932) Columbia University; M.A. (hon. 1949) Amherst College; Sc.D. (hon. 1950) Wesleyan University.

G(eorge) Stanley Koehler, *Visiting Professor of English*. A.B., A.M., Ph.D. Princeton University; A.M. Harvard University.

Theodore Koester, *Professor of Psychology*. B.A. (1936) Wesleyan University; B.D. (1942) Hartford Theological Seminary; Ph.D. (1945) Columbia University; M.A. (hon. 1950) Amherst College.

Earl Latham,† *Joseph B. Eastman Professor of Political Science*. B.A. (1931), Ph.D. (1939) Harvard University; M.A. (hon. 1949) Amherst College.

Albert Ernest Lumley, *Professor of Physical Education*. B.S. (1925) Eastern Michigan College; M.A. (1938) Oberlin College; M.A. (hon. 1947) Amherst College.

*On leave 1966-67.

†On leave first semester 1966-67.

AMHERST COLLEGE

Leo Marx, *Professor of English and American Studies*. B.S. (1941), Ph.D. (1949) Harvard University; M.A. (hon. 1959) Amherst College.

Benjamin Franklin McCabe, *Professor of Physical Education*. B.A. (1946) Iowa State Teacher's College; M.A. (hon. 1964) Amherst College.

Ralph Cleland McGoun, Jr., *Professor of Dramatic Arts*. B.A. (1927), M.A. (1929) Amherst College.

Newton Felch McKeon,* *Professor of English & Director of Robert Frost Library*. B.A. (1926) Amherst College; M.A. (hon. 1948) Amherst College.

Henry George Mishkin, *Professor of Music*. B.A. (1931) University of California; M.A. (1937), Ph.D. (1938) Harvard University; M.A. (hon. 1954) Amherst College.

John Andrew Moore,* *Class of 1880 Professor of the Classics*. B.A. (1938), M.A. (1940) Harvard University; M.A. (hon. 1958) Amherst College.

Charles Hill Morgan,* *Professor of Fine Arts on the William R. Mead Foundation*. B.A. (1924), M.A. (1926), Ph.D. (1928) Harvard University; M.A. (hon. 1938) Amherst College; LL.D. (1960) University of Vermont.

F(red) Bruce Morgan, *Professor of Religion*. B.S. (1939) Maryville College; Th.B. (1942), Th.D. (1958) Princeton Theological Seminary; M.A. (hon. 1963) Amherst College.

Vincent Morgan, *Professor of Music*. B.Mus. (1932), M.Mus. (1934) New England Conservatory of Music; M.A. (hon. 1946) Amherst College.

James Rodney Nelson,* *Charles E. Merrill Professor of Economics*. B.A. (1936) Oberlin College; B.A. (1938) Oxford University; Ph.D. (1948) Harvard University; M.A. (hon. 1951) Amherst College.

James Elmore Ostendarp, *Professor of Physical Education*. B.S. (1952) Bucknell University; M.A. (1956) Columbia University; M.A. (hon. 1966) Amherst College.

Murray Bisbee Peppard,* *Professor of German*. B.A. (1939) Amherst College; M.A. (1942), Ph.D. (1948) Yale University.

Donald Stevenson Pitkin, *Professor of Anthropology*. B.A. (1947), M.A. (1950), Ph.D. (1954) Harvard University; M.A. (hon. 1966) Amherst College.

Ellsworth Elliott Richardson, *Professor of Physical Education*. B.A. (1927), M.A. (1932) Amherst College.

Charles Ensign Rogers,* *Professor of Fine Arts and Dramatic Arts*. B.A. (1927) Albion College; M.A. (1931) Columbia University; M.A. (hon. 1961) Amherst College.

*On leave 1966-67.

FACULTY

Robert Horton Romer, *Professor of Physics*. B.A. (1952) Amherst College; Ph.D. (1955) Princeton University.

Steven Martin Rostas, *Professor of Physical Education*. B.A. (1921) Br. Eötvös, Budapest; M.Ed. (1942) University of Massachusetts; M.A. (hon. 1961) Amherst College.

Edwin Charles Rozwenc, *Dwight W. Morrow Professor of American History*. B.A. (1937) Amherst College; M.A. (1938), Ph.D. (1941) Columbia University.

Anthony Scenna, *Professor of German*. B.A. (1927) Amherst College; M.A. (1929), Ph.D. (1937) Columbia University.

Theodore Soller, *Professor of Physics*. B.A. (1922) Oberlin College; M.A. (1924), Ph.D. (1931) University of Wisconsin, M.A. (hon. 1946) Amherst College.

Dudley Herbert Towne, *Professor of Physics*. B.S. (1947) Yale University; M.A. (1949), Ph.D. (1953) Harvard University; M.A. (hon. 1964) Amherst College.

Frank Anderson Trapp, *Professor of Fine Arts*. B.A. (1943) Carnegie Institute of Technology; M.A. (1947) University of Pittsburgh; Ph.D. (1951) Harvard University; M.A. (hon. 1963) Amherst College.

Frederick King Turgeon, *Professor of French*. B.A. (1923) Bowdoin College; M.A. (1924), Ph.D. (1930) Harvard University; M.A. (hon. 1940) Amherst College.

John William Ward, *Professor of History and American Studies*. A.B. (1947) Harvard College; M.A. (1950), Ph.D. (1953) University of Minnesota; M.A. (hon. 1965) Amherst College.

Colston Estey Warne, *Professor of Economics*. B.A. (1920), M.A. (1921) Cornell University; Ph.D. (1925) University of Chicago; M.A. (hon. 1942) Amherst College.

Robert Byron Whitney, *George H. Corey Professor of Chemistry. Acting Dean of the Faculty and Four-College Coordinator*. B.A. (1924), Ph.D. (1927) University of Minnesota; M.A. (hon. 1944) Amherst College.

Alfred Burton Willcox, *Professor of Mathematics*. B.A. (1947), M.A. (1948), Ph.D. (1953) Yale University; M.A. (hon. 1964) Amherst College.

Richard Eugene Wilson, *Professor of Physical Education*. B.A. (1934), Midland College; B.P.E. (1937), M.Ed. (1938) Springfield College; M.A. (hon. 1960) Amherst College.

Albert Elmer Wood,* *Professor of Biology*. B.S. (1930) Princeton University; M.A. (1932), Ph.D. (1935) Columbia University; M.A. (hon. 1954) Amherst College.

*On leave 1966-67.

AMHERST COLLEGE

Henry Thomas Yost, Jr., *Professor of Biology*. B.A. (1947), Ph.D. (1951) The Johns Hopkins University; M.A. (hon. 1965) Amherst College.

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ASSOCIATE PROFESSORS

Ralph Everett Beals, *Associate Professor of Economics*. B.S. (1958) University of Kentucky; M.A. (1959) Northwestern University.

Gerald Patrick Brophy, *Associate Professor of Geology*. B.A. (1951), M.A. (1953), Ph.D. (1954) Columbia University.

Lincoln Pierson Brower, *Associate Professor of Biology*. B.A. (1953) Princeton University; Ph.D. (1957) Yale University.

John Arthur Cameron, *Associate Professor of English*. B.A. (1952), M.A. (1957), Ph.D. (1963) Yale University; Diploma (1955) University of Edinburgh.

William Calvin Cannon,* *Associate Professor of Spanish*. B.A. (1952) Baylor University; M.A. (1953), Ph.D. (1958) Tulane University.

Otis Cary, *Associate Professor on leave for service at Doshisha University and Director of Amherst House, Doshisha University*. B.A. (1946) Amherst College; M.A. (1951) Yale University.

O(scar) Donald Chrisman, *Associate College Physician*. B.S. (1938), M.D. (1942) Harvard University.

Richard John Cody, *Associate Professor of English*. B.A. (1952) University College, University of Southampton; M.A. (1958), Ph.D. (1961) University of Minnesota.

Colby Wilson Dempsey, *Associate Professor of Physics*. B.A. (1952) Oberlin College; M.A. (1955), Ph.D. (1957) Rice Institute.

Henry Frederick Dunbar, Jr., *Associate Professor of Physical Education*. B.A. (1944) Amherst College; M.A. (1949) Teachers College, Columbia University; Ph.D. (1950) Columbia University.

Prosser Gifford, *Associate Professor of History and Dean of the Faculty*. B.A. (1951) Yale University; B.A. (1953) Merton College, Oxford University; LL.B. (1956) Harvard Law School; Ph.D. (1964) Yale University.

*On leave 1966-67.

FACULTY

Elmo Giordanetti, *Associate Professor of Romance Languages*. B.A. (1951) Bowdoin College; M.A. (1954), Ph.D. (1959) Princeton University.

Joel Ethan Gordon, *Associate Professor of Physics*. B.A. (1952) Harvard University; Ph.D. (1958) University of California.

Theodore Phinney Greene, *Associate Professor of History*. B.A. (1943) Amherst College; M.A. (1948) Columbia University.

Robert Freeman Grose, *Associate Professor of Psychology and Registrar*. B.A. (1944), M.S. (1947), Ph.D. (1953) Yale University.

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William Michael Irvine, *Visiting Associate Professor of Astronomy*. B.A. (1957) Pomona College; Ph.D. (1961) Harvard University.

George Anthony Kateb, *Associate Professor of Political Science*. B.A. (1952), M.A. (1953), Ph.D. (1960) Columbia University.

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John Pemberton, III, *Associate Professor of Religion*. B.A. (1948) Princeton University; B.D. (1952), Ph.D. (1958) Duke University.

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*On leave 1966-67.

AMHERST COLLEGE

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*On leave 1966-67.

FACULTY

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Gilbert Westcott Lawall, *Assistant Professor of Classics*. B.A. (1957) Oberlin College; Ph.D. (1961) Yale University.

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AMHERST COLLEGE

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Peter Marshall, *Assistant Professor of Classics*. B.A. (1954) University College of Southwales and Monmouthshire; B.A. (1956) Wadham College, Oxford University.

Bruce Gordon McInnes, *Assistant Professor of Music*. A.B. (1962) Dartmouth College; M.Mus. (1964) Yale University.

J(ohn) Tracy Mehr, *Assistant Professor of Physical Education*. A.B. (1950) Holy Cross College.

John William Moncrief, *Assistant Professor of Chemistry*. B.S. (1963) Emory University; Ph.D. (1966) Harvard University.

Ray A. Moore, *Assistant Professor of History*. A.B. (1958), M.A. (1960), Ph.D. (1965) University of Michigan.

Robert Joseph Nash, *Assistant Professor of Chemistry*. B.Sc. (1962) University of Wales; Ph.D. (1966) University of Bristol.

Rose Richardson Olver, *Assistant Professor of Psychology*. B.A. (1958) Swarthmore College; Ph.D. (1962) Radcliffe College.

John Anthony Petropulos, *Assistant Professor of History*. B.A. (1951) Yale University; Ph.D. (1963) Harvard University.

Phillippe Daniel Radley, *Assistant Professor of Russian*. B.A. (1956), M.A. (1959), Ph.D. (1965) Harvard University.

John Ratté, *Assistant Professor of History*. B.A. (1957), Ph.D. (1962) Harvard University.

Jon Alfred Rinnander, *Assistant Professor of Spanish*. A.B. (1962) University of Pennsylvania; M.A. (1965) Princeton University.

G(eorge) Dann Sargent, *Assistant Professor of Chemistry*. A.B. (1957) Middlebury College; B.A. (1959) Merton College, Oxford University; M.A. (1963) Oxford University; M.A. (1963), Ph.D. (1964) Harvard University.

Dwight Morrow Scandrett, *Assistant Professor of Physical Education*. B.A. (1954) Amherst College; M.A. (1958) University of Massachusetts.

Edward Joseph Serues, *Assistant Professor of Physical Education*. B.S. (1956) Boston University.

S(tephen) Michael Simpson, *Assistant Professor of Classics*. A.B. (1958) University of North Carolina; M.A. (1960), Ph.D. (1964) Yale University.

Norton Starr, *Assistant Professor of Mathematics*. A.B. (1958) Harvard College; Ph.D. (1964) Massachusetts Institute of Technology.

*On leave 1966-67.

FACULTY

Francis Michael Stienon, *Visiting Assistant Professor of Astronomy*. B.S. (1958) University of Michigan; M.A. (1960), Ph.D. (1964) Harvard University.

Adrian Westbrook Throop, *Assistant Professor of Economics*. A.B. (1959) Amherst College; M.A. (1963), Ph.D. (1966) Stanford University.

William Eugene Thurston, *Assistant Professor of Physical Education*. B.S. (1957), M.S. (1962) University of Michigan.

Robert Campbell Townsend,* *Assistant Professor of English*. B.A. (1957) Princeton University; B.A. (1959) Cambridge University; Ph.D. (1962) Harvard University.

Robert Fertig Tredwell, *Assistant Professor of Philosophy*. A.B. (1955) Oberlin College; Ph.D. (1960) Yale University.

Hugh Wallace, *Assistant Professor of Biology*. B.A. (1956) Christ Church, Oxford University; M.A. (1960), D.Phil. (1962) Oxford University.

Frederick William Zimmerman, *Assistant Professor of Biology*. B.A. (1960) Princeton University.

INSTRUCTORS

Stephen Miller Adler, *Visiting Instructor in Astronomy*. B.S. (1957), M.S. (1959) University of Michigan.

Hadley Philip Arkes, *Instructor in Political Science*. B.A. (1962) University of Illinois.

Gerald Weygandt Barnes, *Instructor in Philosophy*. B.A. (1960) Cornell University; M.A. (1964) Harvard University.

John Roosevelt Boettiger, *Instructor in Political Science*. B.A. (1960) Amherst College; Ph.D. (1966) Columbia University.

John Randolph Dinkelspiel, *Instructor in Political Science*. B.A. (1957) Amherst College; M.A. (1963) Harvard University.

S(ara) Lowell Eayrs, *Instructor in Anthropology*. A.B. (1964) Boston University; M.A. (1966) Harvard University.

Everett Falconer Harrison, *Instructor in German*. B.A. (1956) Stanford University; M.A. (1961) Harvard University.

Kurt Louis Jung, *Instructor in French*. B.A. (1961) University of California; M.A. (1963) Harvard University.

Frank LeRoy Kidner, Jr., *Instructor in History*. A.B. (1960) University of California; M.A. (1962) Princeton University.

Alfred R. Kuhn, *Instructor in Russian*. B.A. (1956) Northwestern University; M.A. (1962) Columbia University.

*On leave 1966-67.

AMHERST COLLEGE

N(orman) Gordon Levin, Jr., *Instructor in American Studies*. B.A. (1956) Yale University; Ph.D. (1966) Harvard University.

Mirtha Carrera Liem, *Instructor in Economics*. B.A. (1961) Central University of Ecuador; M.A. (1964) Harvard University.

Nathaniel Reed, *Instructor in American Studies and Assistant Dean*. B.A. (1955), Ph.D. (1964) Yale University.

David Joe Schneider, *Instructor in Psychology*. B.A. (1962) Wabash College; Ph.D. (1966) Stanford University.

David Robinson Sofield,[‡] *Instructor in English*. B.A. (1957) Princeton University; M.A. (1965) Stanford University.

Richard G. Van Petersilge, *Instructor in Physical Education*.

Carroll William Westfall, *Instructor in Fine Arts*. B.A. (1961) University of California; M.A. (1963) University of Manchester, England.

ASSOCIATE

Philip Truman Ives, PH.D., *Biology*

RESEARCH ASSOCIATES

Lenette Rogers Atkinson, PH.D., *Biology*

Jane VanZandt Brower, PH.D., *Biology*

Virginia Dewey, PH.D., *Biology*

Hope Robson, PH.D., *Biology*

ASSISTANTS

James R. Bailey, *Physics*

Miguel C. Castrillo, *Spanish*

Jean-Francois Deschamps, *French*

Benoit D'Halluin, *French*

Lawrence P. Klemann, *Chemistry*

Arthur F. Kluge, *Chemistry*

Dieter Petzold, *German*

Jean Rey, *French*

FACULTY COMMITTEES

Committee of Six. President Plimpton (Chairman, ex officio), Acting Dean Whitney* (Secretary, ex officio), Professors Collery, DeMott, Koester, B. Morgan, Towne, and Yost.

*To be replaced by Dean Gifford Jan. 1, 1967.

‡On leave 2nd semester 1966-67.

FACULTY

Committee on Educational Policy. Professors Trapp (Chairman), Cameron (Secretary), Fink, Hexter, and Kateb.

Fellowship Committee. President Plimpton (Chairman), Acting Dean Whitney* (Secretary), Dean Routh, Professors Baird, Epstein, Hexter, and Ziegler.

Committee on Admission and Scholarships. President Plimpton (Chairman), Dean Wilson (Secretary), Dean Halsey, Dean Reed, Dean Routh, Dean Swartzbaugh, Acting Dean Whitney,* Professor Grose (Registrar), and Professor Willcox.

Committee on Intercollegiate Athletics. President Plimpton (Chairman), Acting Dean Whitney* (Secretary), Professors Foose, Ostendarp, Richardson, Rozwenc, Wilson, and Ziegler.

Lecture Committee. Professors Ward (Chairman), R. A. Moore, and Schmalz.

Library Committee. Professor Pemberton (Chairman), Mr. Laughner (Secretary), Professors Aitken, Carre, Hawkins, Towne, and White.

Lucius Eastman Committee. Professors Cody (Chairman), Dempsey, and Guttmann.

*To be replaced by Dean Gifford Jan. 1, 1967.

Fellows

Dennis Gene Asmussen, '66. *John Woodruff Simpson Fellow in Russian Area Studies.* University of Washington.

Stephen Paul Booth, '65. *Benjamin Goodall Symon, Jr. Memorial Fellow in Theology.* The Episcopal Seminary of the Southwest.

Sunki Choe, Graduate Student at University of Massachusetts. *Amherst Memorial Fellow in International Relations.* University of Massachusetts.

John Collins Coffee, Jr., '66. *John Woodruff Simpson Fellow in Law.* Yale Law School.

George Fleming Dardess, '64. *Rufus B. Kellogg University Fellow in English.* Rutgers University.

James Starke Dittmar, '66. *Roswell Dwight Hitchcock Memorial Fellow in International Relations and John Woodruff Simpson Fellow in International Relations.* London School of Economics.

Arnold H. Dratt, '66. *John Woodruff Simpson Fellow in Law.* Harvard Law School.

Geoffrey Drury, '66. *Charles B. Rugg Fellow in Law.* Yale Law School.

David John Greenblatt, '66. *John Woodruff Simpson Fellow in Medicine.* Harvard Medical School.

Lawrence W. Henderson, '65. *John Woodruff Simpson Fellow in Medicine.* Indiana University School of Medicine.

Kenneth Joseph Howard, Jr., '66. *Edward Poole Lay Fellow in Drama.* Yale School of Drama.

Francis Alley Hubbard, II, '66. *Amherst Memorial Fellow in English.* University of California, Berkeley.

Samuel Gladstone Jackson, Jr., '66. *John Woodruff Simpson Fellow in Law.* Columbia University Law School.

Stuart Earl Johnson, '66. *Forris Jewett Moore Fellow in Chemistry.* Massachusetts Institute of Technology.

Walter Burt Kasell, '66. *Henry P. Field Fellow in Comparative Literature.* University of California, Berkeley.

Dai Young Kim, '66. *John Woodruff Simpson Fellow in Mathematical Statistics.* Stanford University.

John Gregory Kroll, '66. *Amherst Memorial Fellow in Education.* Harvard University.

FELLOWS

Leonard Jonathan Lamm, '66. *Amherst Memorial Fellow in Political Science.* London School of Economics.

Samuel Edmond Lipskin, '66. *Edward Poole Lay Fellow in Music.* Yale School of Music.

Siegfried Norbert Lodwig, '66. *Forris Jewett Moore Fellow in Chemistry.* University of Arizona.

Alan David McClare, '66. *Forris Jewett Moore Fellow in History.* Duke University.

Hugh Peter McGrath, '66. *George Stebbins Moses Memorial Fellow in Theology.* The Divinity School of the University of Chicago.

John Malcolm Orders, '64. *Amherst Memorial Fellow in English.* Harvard University.

Thomas Parson, '66. *John Woodruff Simpson Fellow in English.* University of Washington.

Alan William Powers, '66. *Amherst Memorial Fellow in English.* University of Minnesota.

Eric Alan Reiner, '66. *Forris Jewett Moore Fellow in Philosophy.* Oxford University.

Winslow Smith Rogers, '66. *Henry P. Field Fellow in English Literature and Amherst Memorial Fellow in English Literature.* Harvard University.

Myron Chester Rokoszak, '66. *Edward Hitchcock Fellow in Physical Education.* Amherst College.

Allen Paul Rosiny, '66. *John Woodruff Simpson Fellow in Law.* Harvard Law School.

George David Savidge, '65. *John Woodruff Simpson Fellow in Theology.* Princeton Theological Seminary.

Jawed Saeed Savul, '66. *Amherst Memorial Fellow in International Affairs.* Stanford School of Business.

Richard Louis Stein, '65. *John Woodruff Simpson Fellow in English.* University of California, Berkeley.

James Vincent Walker, Jr., '66. *John Woodruff Simpson Fellow in Medicine.* Western Reserve.

Officers of Administration

Calvin Hastings Plimpton, *President of the College*. B.A. (1939) Amherst College; M.D. (1943), M.A. (1947) Harvard University; Med. Sc.D. (1951) Columbia University; LL.D. (1960) Williams College; LL.D. (1961) Wesleyan University; Sc.D. (1962) Rockford College; LL.D. (1962) Doshisha University; L.H.D. (1962) University of Massachusetts; Sc.D. (1963) Saint Mary's College; LL.D. (1963) St. Lawrence University; Litt.D. (1965) American International College; Sc.D. (1966) Trinity College.

Robert Byron Whitney, *Acting Dean of the Faculty and Four-College Coordinator*. B.A. (1924), Ph.D. (1927) University of Minnesota; M.A. (hon. 1944) Amherst College.

Prosser Gifford, *Dean of the Faculty*. B.A. (1951) Yale University; B.A. (1953) Merton College, Oxford University; LL.B. (1956) Harvard Law School; Ph.D. (1964) Yale University.

Eugene Smith Wilson, *Dean of Admission*. B.A. (1929) Amherst College.

William Lamson Swartzbaugh, *Associate Dean of the College*. B.A. (1944) Dartmouth College; B.D. (1949) Yale University; M.A. (1952), Ph.D. (1957) Ohio State University.

Cortland Van Rensselaer Halsey, *Associate Dean of Admission*. B.A. (1950) Rutgers University; M.A. (1952) University of Rhode Island; Ph.D. (1956) University of Pennsylvania.

Nathaniel Reed, *Assistant Dean*. B.A. (1955), Ph.D. (1964) Yale University.

Donald McMillan Routh, *Assistant Dean*. B.A. (1958) Amherst College; M.A.T. (1960) Johns Hopkins University.

Robert Appleby Ward, *Assistant Dean of Students*. B.A. (1957) Amherst College; Ed.M. (1966) Harvard University.

Jonathan Charles Huberth, *Assistant to the Dean of Admission on the Mayo-Smith Teaching Grant*. B.A. (1966) Amherst College.

Robert Freeman Grose, *Registrar*. B.A. (1944), M.S. (1947), Ph.D. (1953) Yale University.

Stanley Ferdinand Teele, *Treasurer*. B.A. (1928) Amherst College; M.B.A. (1930), D.C.S. (1933) Harvard University; L.H.D. (1954) Amherst; Sc.D. (1957) University of Pennsylvania; LL.D. (1957) University of Western Ontario; D.C.S. (1959) Laval University; L.H.D. (1959) Boston University.

Minot Grose, *Business Manager and Assistant Treasurer*. B.A. (1936) Amherst College.

George Burnham May, *Comptroller*. B.A. (1946) Amherst College.

George Balfour Dunnington, Jr., *Assistant Comptroller and Assistant to the Treasurer*. B.S. (1960) Babson Institute of Business Administration.

ADMINISTRATION

DeWitt Clinton Howell, *Assistant to the Comptroller*. B.S. (1965) Babson Institute of Business Administration.

John Lewis Callahan, Jr., *Director of Development*. B.A. (1955) Dartmouth College.

James Alfred Guest, *Secretary of the Alumni Council*. B.A. (1933) Amherst College; LL.B. (1936) Yale University.

Horace Wilson Hewlett, *Secretary of the College and Director of Publications*. B.A. (1936) Amherst College; M.A. (1941) Yale University.

Homer Evan Snyder, *Assistant Secretary of the College*. B.A. (1958) Amherst College.

Edward Dale Aebischer, *Assistant Secretary of the College*. B.A. (1958) St. Olafs College; M.A. (1960) University of Wisconsin.

Arthur Davenport, *Fraternity Business Manager and Director of Faculty Housing*. B.A. (1932) Amherst College.

Sydney Dakin Chamberlain, *Director of Vocational Guidance*. B.A. (1914) Amherst College.

Lewis Seymour Mudge, *Minister to the College*. B.A. (1951), B.D. (1955), Ph.D. (1961) Princeton University; B.A. (1954), M.A. (1958) Oxford University.

Otis Cary, *Director of Amherst House, Doshisha University*. B.A. (1946) Amherst College; M.A. (1951) Yale University.

Robert Herman Heidrich, *College Engineer and Superintendent of Buildings and Grounds*. A.E.E. (1927) Newark College of Engineering; P.E. (1945) New York University; M.A. (hon. 1962) Amherst College.

Walter Charles Markert, *Assistant Superintendent of Buildings & Grounds*. B.S. (1931) Springfield College.

Gordon Benjamin Bridges, *Director of Dining Halls and Director of Personnel*. M.A. (hon. 1954) Amherst College.

Ellsworth Elliott Richardson, *Director of Intercollegiate Athletics*. B.A. (1927), M.A. (1932) Amherst College.

Haskell Robert Coplin, *Student Counselor*. B.A. (1947), M.A. (1948), Ph.D. (1951) University of Michigan.

Stephen Brown, *College Physician*. B.A. (1928) Amherst College; M.D. (1932) Yale University.

Oscar Donald Chrisman, *Associate College Physician*. B.A. (1938), M.D. (1942) Harvard University.

Paul Harold Seton, *Associate College Physician*. B.A. (1945) Harvard University; M.D. (1952) Yale University.

MEAD ART BUILDING

Charles Hill Morgan, PH.D., *Director*
Charles Ensign Rogers, M.A., *Assistant Director*
Margaret Cecilia Toole, B.A., *Curator*

ADVISORY COMMITTEE ON ACQUISITIONS

Louisa Dresser, B.A.
Curator, Worcester Art Museum, Worcester, Massachusetts

Charles Hill Morgan, PH.D., L.H.D.
Professor of Fine Arts on the William R. Mead Foundation, Amherst, Massachusetts

Daniel Catton Rich, PH.D.
Director, Worcester Art Museum, Worcester, Massachusetts

Charles Henry Sawyer, M.A., L.H.D.
Professor of Fine Arts, University of Michigan, Ann Arbor, Michigan

Calvin Hastings Plimpton, M.D., LL.D.
President of the College, ex officio, Amherst, Massachusetts

Roy R. Neuberger
President, American Federation of Arts, New York, New York

Philip Hofer
Curator, Dept. of Printing and Graphic Arts, Harvard University, Cambridge, Massachusetts

A. M. Adler
Director, Hirschl and Adler Galleries, New York, New York

THE ROBERT FROST LIBRARY

Newton Felch McKeon, B.A., *Director*
Charles Theodore Laughner, PH.D., *Associate Director*
Ebenezer Porter Dickinson, *Reference Librarian*
Gertrude B. Weir, B.A., S.M., *Head of Circulation*
Ruth Marie Erit, B.A., *Order Librarian*
Cynthia Furneaux Tucker, B.S., *Chief Cataloguer*
Elinor Richards, B.A., A.M.L.S., *Assistant Cataloguer*
Floyd Samuel Merritt, M.A., S.M., *Administrative Assistant*

EDWARD HITCHCOCK MEMORIAL ROOM

Rena Mary Durkan, *Curatrix*

KIRBY MEMORIAL THEATER

Walter Leroy Boughton, M.F.A., *Director*

Charles Ensign Rogers, M.A., *Designer*

Ralph Cleland McGoun, Jr., M.A., *Technical Director*

THE PRATT MUSEUM OF GEOLOGY

Richard Martin Foose, PH.D., *Curator*

Albert Elmer Wood, PH.D., *Associate Curator*

Gerald Patrick Brophy, PH.D., *Associate Curator*

AMHERST COLLEGE WILDLIFE SANCTUARY

Walter Charles Markert, B.S., *Director*

MABEL LOOMIS TODD FOREST

Lincoln Pierson Brower, PH.D., *Curator*

SNELL MUSEUM OF PHYSICS

Theodore Soller, PH.D., *Director*

RELIGIOUS ADVISORS

The Rev. Lewis S. Mudge, B.D., PH.D.
Minister to the College

The Rev. James Clark, B.D.
Advisor to Protestant Students

The Rev. Richmond K. Greene, B.D.
Advisor to Protestant Students

The Rt. Rev. Monsig. David J. Power
Advisor to Roman Catholic Students

The Rev. J. Joseph Quigley
Advisor to Roman Catholic Students

STUDENT HEALTH SERVICE

Mary Margaret Barowski, R.N.
Supervisor of Student Health Office

Marjorie Ruth Crossman, R.N.
Assistant Supervisor of Student Health Office

Helen Bolt Stimson, R.N.
Supervisor of the Infirmary

ADVISOR ON CHARITABLE FUND AWARDS

Frank Learoyd Boyden, SC.D., PD.D., LITT.D., L.H.D., LL.D.

II

AMHERST COLLEGE

ADMISSION

REGULATIONS

TUITION AND FEES

FINANCIAL AID

DEGREE REQUIREMENTS

INTELLECTUAL RESPONSIBILITY

Amherst College

AMHERST was founded in 1821 as an independent liberal arts college for "the education of indigent young men of piety and talents for the Christian ministry." It has never been connected, however, with any church or sect. Its charter, granted by the Commonwealth of Massachusetts in 1825, bans tests of religion in choosing students and teachers.

Among Amherst's founders were Noah Webster, the lexicographer, and Samuel Fowler Dickinson, grandfather of the poet Emily. The College received its initial support from many residents of the town from which it takes its name. (The town, which was incorporated in 1759, was named for General Jeffery Amherst, then Commander-in-chief of British forces in the New World and protector of the colonies in the French and Indian War.) The College has enjoyed a long and close association with the community, particularly with such poets and writers as Emily Dickinson, Helen Hunt Jackson, David Grayson (Ray Stannard Baker), and Robert Frost.

The campus is situated on a hill adjacent to the central town common. The surrounding area is characterized by apple orchards and tobacco farms lying on the flat, fertile land of the Connecticut River Valley and by ranges of hills to the south and east. Nearby are towns and places whose names recall another age in the life of New England: Deerfield and Bloody Brook, Pelham and Daniel Shays Highway, Northampton and Jonathan Edwards' Church. A few miles away are three other institutions of higher learning: Smith and Mount Holyoke Colleges and the University of Massachusetts with which Amherst engages in a number of cooperative educational ventures. (These are described on page 52.) A fifth institution, Hampshire College, equidistant from the existing four from which it will receive advice and assistance, is being planned and is expected to open in 1969.

The College offers the bachelor of arts—and occasionally the master of arts—degree. It is concerned with study in the humanities, the social sciences, and the natural sciences and attempts to combine a broad education with knowledge of some field in depth. A new curriculum, adopted in the fall of 1966, introduces three one-semester interdepartmental courses (called Problems of Inquiry), and provides considerable flexibility in the selection of each student's program. Freshmen may select a major field of study on entrance; exceptionally qualified students may satisfy graduation requirements in three years; some may engage in independent study free of formal courses in their junior and senior years; honors work—the intensive consideration of a limited subject—is encouraged.

Whatever the form of academic experience—lecture course, seminar, conference, studio, laboratory, independent study at various levels—intellectual competence and awareness of problems and methods are the goal

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of the Amherst program, rather than the direct preparation for some profession. The new curriculum enables students to arrange programs for their own educational needs within established requirements. To assist undergraduates in their course selections a faculty Board of Advisors, representing all academic departments, has been created. Members of this Board provide such counsel as is requested, but the ultimate responsibility for a thoughtful program of study rests with the individual student.

All students subscribe to an honor code which makes them responsible for the intellectual integrity of their work. This is described on page 54.

A statement of graduation requirements and programs of study begins on page 48. A more detailed description of the curriculum may be obtained from the Office of Admission.

The College's faculty is engaged in two primary activities: first, the education of undergraduates, and, second, research and writing. Its 142 members hold degrees from colleges and universities throughout this country and abroad. Classes range in size from a lecture course of 150 to several courses of only two students; about 80 percent of the classes and sections have twenty-five students or less.

Amherst is equipped with considerable physical resources: a library of some 350,000 volumes, science laboratories, theater, gymnasium, swimming pool, skating rink, squash and tennis courts, playing fields, a museum of fine arts and another of natural sciences, a central dining hall where all students eat, dormitories, language laboratory, and classroom buildings. There are a wildlife sanctuary and a forest for the study of ecology, an observatory and planetarium, and varied equipment for specialized scientific research. At Amherst, and at its neighboring institutions, there are extensive offerings of lectures, concerts, plays, films, and many other events. The College's endowment is approximately \$75 million.

In the last few years Amherst has increased its enrollment from 1,000 to approximately 1,200 students. To accommodate these additional undergraduates and to provide improved facilities the College has recently completed a new dining hall, five new dormitories, and the Robert Frost Library. New buildings for science and music are under construction and an auditorium and expanded athletic facilities are being planned.

Amherst has a full program of intercollegiate athletics in most sports. Every freshman and sophomore is required to take part in a program of physical education to improve his fitness and allow him to participate in team and recreational sports. In addition, about 90 percent of the students participate in an organized program of intramural athletics.

Undergraduates may also take part in a variety of other extra-curricular activities: journalism, publishing, broadcasting, music, dramatics, and a wide assortment of specialized interests. Religious groups, working independently or through the Minister to the College and religious advisors, maintain a program of worship services, Bible study, community service projects, and other activities.

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Most Amherst students join one of the thirteen social fraternities at the end of their freshman year. These organizations provide housing for many of their members and are the focus of social life after the first year. Freshmen live in four central dormitories and arrange their own social activities. Since 1946 the fraternities have selected their members without consideration of race or religion, and since 1951 every student who has wanted to join a fraternity has had the opportunity to do so.

As the campus has grown so has the College's involvement with the world. In 1821 most students came to Amherst from nearby towns intending to become ministers or missionaries. Facilities were simple; for three years South College was Amherst's only building, housing dormitory, library, and classrooms. Today students come from most of the fifty states and many foreign countries and bring with them backgrounds and interests far different from those of the "indigent young men of piety and talents" who preceded them nearly a century and a half ago.

Instruction still adheres to the liberal arts and sciences, but world forces are now felt in the classroom and out. Modern transportation and communication have changed what was once a sleepy little New England village into a growing center of activity and concern. Involvement in research or in social and economic issues takes some students to many parts of the country and abroad—as it does most of their teachers as well. Civil rights issues and national policies have an impact on the campus that would have been unimaginable even a generation ago. Graduates for the most part continue their formal education to become teachers, physicians, lawyers, and businessmen. At Amherst, hopefully, they will have only begun their education at "commencement," but will have developed attitudes and values that will encourage them to participate thoughtfully and generously in the service of mankind.

FOUR COLLEGE COOPERATION

Amherst has an arrangement with Mount Holyoke College, Smith College and the University of Massachusetts by which any of their regular courses is, under special circumstances, open to Amherst students. See page 52 for further information.

The oldest cooperative venture is the Hampshire Inter-Library Center (HILC) located now in the Goodell Library at the University. HILC, a separate legal entity, is a depository for research materials and learned journals which are beyond the reach of any of the four libraries operating independently. An FM radio station (WFCR, 88.5 mc.) is run cooperatively through the Western Massachusetts Broadcasting Council composed of representatives of the four institutions. Other cooperative activities include a joint Astronomy Department; courses in the History of Science and in Asian-African studies; a Ph.D. program; a Film Center; a common calendar of

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events; a committee on transportation; an Office for Teaching Assistance; and a Coordinator for cooperative projects.

ROBERT B. WHITNEY, PH.D., *Coordinator*

PRESIDENTS OF AMHERST COLLEGE

1821-1823	Rev. Zephaniah Swift Moore, D.D.
1823-1845	Rev. Heman Humphrey, D.D.
1845-1854	Rev. Edward Hitchcock, D.D., LL.D.
1854-1876	Rev. William Augustus Stearns, D.D., LL.D.
1876-1890	Rev. Julius Hawley Seelye, D.D., LL.D.
1890-1899	Merrill Edwards Gates, PH.D., LL.D., L.H.D.
1899-1912	Rev. George Harris, D.D., LL.D.
1912-1924	Alexander Meiklejohn, PH.D., LL.D.
1924-1927	George Daniel Olds, LL.D.
1927-1932	Arthur Stanley Pease, PH.D., LL.D.
1932-1946	Stanley King, LL.D.
1946-1960	Charles Woolsey Cole, PH.D., L.H.D., SC.D., LITT.D., LL.D.
1960-	Calvin Hastings Plimpton, M.D., SC.D., D.M.S., L.H.D., LITT.D., LL.D.

The Folger Shakespeare Library

BY THE will of the late Henry Clay Folger of the Class of 1879, there was bequeathed to the Trustees of Amherst College the Folger Shakespeare Library in Washington, D.C., together with an endowment for maintenance, later increased by the generosity of Mrs. Folger.

The building, located on East Capitol Street directly east of the Library of Congress, was erected at a cost of more than \$2,000,000. Its endowment now stands at about \$28,000,000, and its collections are valued at about \$3,200,000. On the Library's main floor are: an Exhibition Gallery with displays of rare books, manuscripts, paintings, and miscellaneous curios and works of art; an Auditorium in the form of a reproduction of the interior of an Elizabethan playhouse; a large Reading Room, representing a Tudor Banqueting Hall and hung with early tapestries; four Vaults, containing the rarest portions of the collections; a Reception Room for social purposes; and Administration Offices. On the second floor are the working rooms of the Library's Accessions Department, the Catalogue Department, and offices for members of the staff. A Photographic Department is in the basement. Reading machines for microfilm are found in the stacks.

The Library concentrated its original collection largely upon the life, writ-

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ings, and influence of William Shakespeare, but during the past two decades it has increased its rare books and manuscripts in related fields until today it has one of the largest collections in the world for the study of British history of the sixteenth and seventeenth centuries. Only the British Museum has a larger collection of early English books.

Under the plan of the Trustees of the College, in addition to maintaining its traditional interest in Shakespeare and English Renaissance literature, the Library is exploiting other fields as well. Efforts are made to expand it as an efficient laboratory of research and investigation. Aid and encouragement are given literary and historical scholars capable of making the most significant use of the Library's great collection of source materials. The Library has also developed reference collections which scholars require for the efficient utilization of rare books and manuscripts.

Research facilities of the Library are not open to casual visitors, but permission to use them may be obtained by qualified scholars upon application to the Director. Interested individuals and groups are cordially invited to visit the Folger's Exhibition Gallery.

FOLGER LIBRARY OFFICERS

Louis Booker Wright, PH.D., LITT.D., L.H.D., LL.D., *Director*

Philip A. Knachel, M.S.L.S., PH.D., *Assistant Director*

Giles Edwin Dawson, PH.D., *Curator of Books and Manuscripts*

James G. McManaway, PH.D., LITT.D., *Consultant in Literature and Bibliography*

Virginia A. Lamar, *Executive Secretary*

Eleanor Pitcher, *Assistant to the Director*

Dorothy E. Mason, B.A., M.A., *Reference Librarian*

Lilly C. Stone, B.A., *Chief Cataloguer*

Elaine Fowler, B.A., *Reading Room Supervisor*

Doshisha University

DOSHISHA UNIVERSITY in Kyoto, Japan, was founded by Joseph Hardy Neesima, of the Class of 1870, the first Japanese to graduate from a Western institution of higher learning. Amherst has maintained a continuing and close relationship with Doshisha. More than twenty-five Amherst graduates have taught there, and, since 1922, Amherst has maintained a resident instructor at the Japanese university. Amherst House, a New England Georgian style residence, was built on the Doshisha campus in 1932 as a

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memorial to Neesima. It houses some twenty Doshisha students and serves as a center for cultural exchange between students and faculty from East and West.

Since World War II, Amherst has maintained a member of its own faculty for permanent service at Doshisha as a Professor in Residence and Director of Amherst House. Recently he has been aided by an Amherst-Doshisha Fellow on a yearly assignment. In 1962 the College, through the further generosity of friends and alumni, was enabled to build a new guest house of modern Japanese design which affords quarters for the director, well-appointed guest suites, and dining facilities to enhance the possibilities of exchange across cultural barriers. As the importance of Eastern ideas and Asian cultures gains increasing recognition, Amherst House is able to provide unique facilities and a sympathetic environment for scholars visiting Kyoto—for a thousand years the capital of Japan and still the center of traditional Japanese culture.

Admission

ADMISSION to Amherst College is competitive. The College attempts to select those applicants who seem qualified to benefit from the educational opportunities offered. The Committee on Admission, in judging the qualifications of applicants, pays particular attention to (1) academic performance in high school or independent school; (2) results of the College Entrance Examination Board scholastic aptitude and achievement tests; (3) the recommendation of the high school principal or headmaster; (4) evidence of curiosity, industry, and resolution; (5) the character, health, and extra-curricular interests and achievements of the applicant. All freshmen admitted are candidates for the Bachelor of Arts degree.

HOW AND WHEN TO APPLY FOR ADMISSION

Applications should be filed in senior year between September 1 and March 1. Under special circumstances later applications may be considered. Decisions of the Committee on Admission will be mailed to candidates about mid-April.

Students with exceptional ability and maturity who have outrun the educational opportunities of their communities may apply for admission after three years of secondary school.

Amherst has an Early Decision Program for students who have selected Amherst as the college of their choice. Details are available with the application form.

Beginning students may enter only in September.

Scholarship applicants should refer to pages 45-47.

The formal application should be accompanied by a check or money order for \$10.00 made payable to the *Trustees of Amherst College*. This application fee will not be refunded if the student withdraws his application or if his application is not acted upon favorably.

Correspondence regarding admission to the freshman class should be addressed to the Dean of Admission, Amherst College, Amherst, Massachusetts.

INTERVIEW HOURS

The Admission Office is open weekdays from 8:30 A.M. until 12:00 noon and 1:30 P.M. until 4:00 P.M. and on Saturdays from 8:30 A.M. until 12:00 noon, but through the summer months and until Labor Day, the Admission Office (and all administrative offices) will be closed on Saturdays. Where possible, applicants for admission are advised to visit the College and discuss their educational plans with an admission officer. Interviews are not

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required, however. It is advisable to write for an appointment with an admission officer if you plan to visit the College.

RECOMMENDED PREPARATION

The following minimum program of studies is recommended for students planning to enter Amherst College:

English	4 years
Mathematics	3 years
Foreign Language	2 years (3 or 4 years of one preferred)
History	1 year
Laboratory Science	1 year

It should be noted that the College stresses sound preparation in certain subjects which are important implements for the many branches of college work. English, mathematics (intermediate mathematics, emphasizing basic algebraic, geometric, and trigonometric concepts and deductive reasoning), and foreign language (ancient or modern or both) are the subjects in which entering students should show proficiency.

For graduation Amherst College requires competence (oral and written) in a foreign language, ancient or modern. For definition of competence see page 50. The phrase "satisfactory score" means 600 in the College Entrance Examination Board achievement tests.

In selecting a class, some preference is given to candidates who present the following programs in foreign language in the following order:

First preference: four years of one language;

Second preference: three years of one language;

Third preference: two years each of two languages.

Candidates who apply from secondary schools which offer little or no language instruction will be judged by their other intellectual aptitudes and achievements and their readiness for the Amherst curriculum. Amherst College recommends, where possible, that a student continue to study the language he begins in secondary school through completion of the college requirement.

Students with particular interests may wish to modify the suggested program by taking more work in certain subjects and less in others. Such modification is wholly acceptable, provided there is evidence of adequate preparation in the basic fields of English, mathematics, and foreign language. Any deviation should be discussed in advance with the Dean of Admission.

ADVANCED PLACEMENT

In certain subjects, candidates who have completed advanced work in secondary schools may apply for advanced placement at Amherst. Each case

ADMISSION

will be considered individually on its own merits. Candidates interested in Advanced Placement are urged to take the Advanced Placement Tests given by the College Entrance Examination Board. Questions about Advanced Placement should be directed to the *Dean of Admission*. For further information candidates should consult the Advanced Placement booklet in their secondary school guidance office.

COLLEGE BOARD TESTS

All applicants are required to take the Scholastic Aptitude tests and three Achievement tests, of which one shall be either the English Achievement Test or the Writing Sample and these tests must be taken no later than the January series. Inasmuch as the registration deadline for the College Board tests is approximately one month prior to the test date, applicants should arrange to take these examinations as soon as possible with the Secretary of the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540. Students living in Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming, Alaska, or Hawaii should register with the Secretary of the College Entrance Examination Board, Box 1025, Berkeley, California 94701.

Amherst requires competency in a foreign language (ancient or modern) for graduation from college. The requirement may be met by entering students who have made a score of 600 on a Language Achievement Test plus, in modern languages, a similar score on the Listening Comprehension Test. This test is given only once a year in February, and your counselor must make special arrangements for it with the Educational Testing Service.

Applicants who are studying a foreign language in senior year and who have not achieved a 600 in the CEEB Achievement test should retake the test in January, March, or May, and the February Listening Comprehension Test in modern languages.

Applicants in military service whose location makes examinations impossible are exempt from CEEB tests.

Regents Examinations. Applicants from the New York State public schools are expected to submit scores made on the Regents Examination in addition to the scholastic aptitude and achievement tests given by the College Entrance Examination Board.

ADMISSION AS A TRANSFER

To be eligible for consideration as a transfer a candidate must meet the following requirements:

1. His credits must satisfy the full entrance requirements of Amherst College.
2. He must have completed creditably the work of at least one year in

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an institution of collegiate rank or two years in a junior or community college.

3. He must present a statement of honorable dismissal.

4. He must file a formal application for admission by transfer.

Candidates for admission by transfer are usually admitted in September.

Candidates should note that, in general, only students with a B average or better will be considered for admission as transfers.

Special consideration is given applicants from junior or community colleges who have made distinguished academic records.

Some financial aid is available for transfer students.

Correspondence concerning admission of transfers should be addressed to the Dean of Admission.

COOPERATIVE ENGINEERING-SCIENCE PROGRAM

In order to facilitate the combination of a liberal arts course with education in science and engineering, Amherst College will permit a student of high standing to pursue a five-year program in which the first three years will be spent at Amherst College and the last two years at the Massachusetts Institute of Technology, or any other engineering school approved by the Dean of the College, with the understanding that if the five-year program is satisfactorily completed the student will receive the degree of Bachelor of Arts from Amherst College and the degree of Bachelor of Science from the engineering school.

Regulations

TERMS AND VACATIONS

The college year 1965-1966 includes two regular semesters with fourteen weeks of classes each semester. In the fall semester there are a Thanksgiving recess of approximately five days and a Christmas vacation of two weeks; in the spring semester there is a vacation of two weeks.

ATTENDANCE AT COLLEGE EXERCISES

It is assumed that students will make the most of the educational opportunities available by regularly attending classes and laboratory periods. At the beginning of the semester each instructor is free to state his policy with regard to absences in his course, and thereafter he may report to the Dean's Office the name of any student who violates the regulations announced. In such cases the Dean will take appropriate action which may include his being dropped from the course.

The Registrar will send to faculty members a list of students who have been absent for athletic trips or other extracurricular activities, and a list of students who have been in the Infirmary. Students are asked to notify the Dean's Office if they have been delayed at home by illness or family emergencies. They are also expected to notify the Dean's Office of any extended absences from the College or of any unusual unexplained absence on the part of any fellow student.

If a student has been attended in his home by a physician other than one of the Student Health Office staff, he should, on the day of his return, report the absence to the Dean's Office and submit a statement concerning his illness and any recommended treatment to the Student Health Office. Students who are ill at college will normally be attended at the Infirmary or the Student Health Office, and a report of any hospitalization will be sent to faculty members.

All official college vacations and holidays are announced on the College Calendar appearing on page v. of this catalog.

Morning assemblies are conducted on Monday, Tuesday, Thursday and Friday mornings. All students are required to attend one third of these assemblies each semester.

The officer in general charge of matters concerning attendance at college exercises is Dean Swartzbaugh.

STUDENT CONDUCT

It is the belief of Amherst College that its students want to take responsibility for setting, maintaining, and supporting moral and intellectual stand-

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ards. With this in mind, the College has adopted an honor code. In a social and moral sense this honor code means the support of those standards which befit the conduct of a gentleman and which will reflect credit on the College, its students, and its guests.

The College reserves the right to exclude at any time students whose conduct or academic standing it regards as unsatisfactory; in such cases fees will not be refunded or remitted, in whole or in part, and neither the College nor any of its officers shall be under any liability whatsoever for such exclusion.

The officer in general charge of student conduct is Dean Swartzbaugh.

RECORDS AND REPORTS

Reports of standing are sent to parents or guardians at the end of each term. The passing grade in each individual course is 60. An overall average of at least 70 is required for a degree.

Students' records are confidential and information is released only at the request of the student or of appropriate institutions and officials. Partial transcripts are not issued. Each transcript includes a student's complete record at Amherst College to date.

The first three transcripts are furnished free of charge. For additional transcripts there is a charge of \$1 each, due at the time the transcript is issued at the Office of the Registrar. Checks should be made payable to Amherst College. No records are issued to or for students with unpaid accounts at the Comptroller's Office.

The officer in charge of records and reports is the Registrar of the College.

ROOMS AND BOARD

All students, unless specifically excused by the Dean, are required to live either in the dormitories of the College or in fraternity houses. Dormitory rooms are equipped with bed, mattress, pillow, chiffonier, desk, chairs, and bookcase or shelves. Occupants furnish their own blankets, linen, and towels, and may provide extra furnishings if they wish, such as rugs, curtains, lamps, etc.; they may not add beds, sofas, lounges, or other furniture of such nature except under certain circumstances. More complete regulations for dormitory occupancy are contained in the Student Handbook. Room assignments are noted on the invoice from the Comptroller's Office.

All students are required to eat in Valentine Hall unless excused by the Dean. There are no rebates for absence from meals.

STUDENT HEALTH

The College's medical staff includes the College Physician on a full-time basis and an orthopedist and psychiatrist who have regular consulting hours

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on a part-time basis. Outside medical consultants in almost all specialties are available when recommended by the College Physicians. Hospitalization of students, when needed, is usually at the Cooley Dickinson Hospital in Northampton.

Facilities for the adequate care of the great majority of the students' illnesses and injuries are available in the Student Health Office and College Infirmary. The infirmary is a modern well-furnished and comfortable building with a normal capacity of 22 beds, easily expanded to 40 beds when needed, and to 90 beds in case of an epidemic. It is staffed on a 24-hour basis by graduate nurses.

A physical examination is required of each new student in order to make a general survey of his health and to classify and advise him as to suitable physical and athletic activity.

Each student admitted to Amherst College must have been successfully vaccinated for smallpox or must be willing to submit to such vaccination by the College Physician within three months after admission.

Students who are unable to attend classes because of illness are expected to go to the infirmary. Sick excuses are given only for such time as is spent in the infirmary or, if with their families, under a physician's care.

A College Physician supervises all athletic activities and provides first aid and medical care in case of injury.

Parents are notified of infirmary admissions in the case of significant illness or injury. If such cases are serious or unusual, notification will be made by telephone. In emergencies requiring immediate surgery, when parents cannot be consulted in advance, the President of the College will assume responsibility for the authorization of operation.

The College provides the services of the Student Health Office, the College Infirmary, and the College Physicians for illnesses and injuries occurring while college is in session, but does not assume the cost of continuing treatment of illness or injury contracted prior to the student's admission to Amherst or while college is not in session. These benefits end with a student's graduation, withdrawal, or dismissal from College. Costs of such off-campus services as medical consultants, hospitalization, x-ray treatments, dental care, prescriptions, eye glasses, etc., are not covered.

To take care of cases requiring treatment beyond the scope of the College plan, and to fill the gap of vacations and holidays, the College has arranged with Massachusetts Blue Cross-Blue Shield for a student health plan, at a yearly premium of \$28, to supplement health services provided on campus to all students. Blue Cross-Blue Shield student protection is provided for a full twelve months beginning on September 1 of each year and liberal hospital, surgical, and medical benefits are available without waiting periods for all student participants. There is also an added \$5,000 in Prolonged Illness protection for the more serious accidents and disabilities. This insurance, or comparable coverage, is required for all students who participate in intercollegiate athletics.

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The officer having general supervision of health, medical care and physical development is the College Physician.

CAREER GUIDANCE

In a liberal arts college, where few studies are of direct occupational significance, many undergraduates find the choice of a career a perplexing problem. To help undergraduates solve this problem, the College offers an occupational guidance program under the leadership of a Director of Career Guidance. This program assists students to (1) discover their own special interests, aptitudes, talents, and powers; (2) discover the most promising outlets for these special and individual powers; (3) become familiar with the best techniques in obtaining a job; (4) recognize the principal adjustments needed in changing from a life on the campus to one in the business world; and (5) arrange for interviews with government agencies, business concerns, and other groups interested in employing Amherst graduates. An important part of the guidance program are the career conferences which bring to Amherst lawyers, doctors, teachers, government employees, businessmen, and others for discussions with interested undergraduates in many career areas.

Tuition and Fees

A CANDIDATE'S formal application for admission should be accompanied by a \$10 application fee in check or money order payable to Amherst College. Upon notification of his admission to the College a candidate is required to return with his acceptance a non-refundable advance payment of \$100 which will be credited in full on his first term bill.

A bill for the comprehensive fee (tuition, room, and board) for the academic year is mailed to all students during the summer preceding the academic year. For 1966-67 the College charges are:

Comprehensive Fee (Tuition, Room, Board)	\$2,600.
Student Activities Fee	50.
Blue Cross-Blue Shield Student Health Plan	28.
	\$2,678.

Beginning in September 1967 the Comprehensive Fee will be \$2,900, for a total annual charge of approximately \$2,978.

A fee for the support of various activities of the student body is determined by the Student Council. This fee is collected by the College and turned over to the Director of Student Activities for expenditure under his supervision. For the year 1966-67 the fee has been set at \$50.00. For this fee each student receives a copy of the yearbook, the OLIO; a one year's subscription to the student newspaper and magazine; and contributes to the support of the college band, the Glee Club, the Prom, the Debate Council, the radio station, and includes class dues for each class, and the support of eighteen other activities of the student body which fall under the jurisdiction of the Student Council.

A charge of \$28.00 appears on the comprehensive bill for twelve months Accident and Sickness Insurance for the period September 1, 1966 through August 31, 1967. Details concerning the Student Health Office, the College Infirmary and Blue Cross-Blue Shield Student Health Plan appear on page 40 under Student Health.

Any anticipated financial aid such as scholarships, loans, The Insured Tuition Payment Plan payments, etc. should be deducted from the \$2,678 and the net balance due on or before September 12, 1966. However, one-half of this amount may be paid by September 12th and the balance on or before the opening day of the second semester, January 23, 1967.

Each new student, or former student reentering is charged a \$25 Guarantee Deposit refundable after he graduates or otherwise leaves college, less any unpaid charges against him.

Each Senior or candidate for M.A. degree is charged a degree fee of \$15 in his final semester.

Miscellaneous charges such as fees for late registration, change of courses,

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extra courses, library fines, lost or damaged property, etc., are payable currently when incurred.

For delinquencies in Physical Education a charge of \$30 will be levied each semester following sophomore year until the delinquency is removed.

The \$100 advance payment collected from entering Freshmen at the time of acceptance will be credited on the first semester bill.

For those who wish the convenience of monthly payments, arrangements have been made for a pre-payment plan, including insurance for continued payment in case of death or disability of the parent. For further details write to The Insured Tuition Payment Plan, 38 Newberry Street, Boston 16, Massachusetts.

Identification cards must be picked up in person at the Comptroller's Office before course cards may be obtained.

The officer having general supervision of the collection of tuition and fees is the Comptroller.

Financial Aid

IN a sense, every student at Amherst College is on scholarship. Beginning in September, 1967, the comprehensive charge for tuition, room, board, and fees will be \$2,900, yet the education of each student costs the College more than \$6,000 per year. General endowment income, gifts, and grants to the College supply the difference.

For those students who cannot afford the regular charge, financial aid is available from a variety of sources. Through the years alumni and friends of the College have contributed or bequeathed capital funds whose income is to be used for scholarship aid to worthy students. These funds, which are listed in detail in the Appendix, now amount to more than \$3,800,000. Some, such as those designated for candidates for the ministry or those for students from certain geographical areas, are restricted in use. For the most part, however, the income from these funds may be used at the discretion of the College.

Each year the alumni of the College through the Alumni Fund contribute a substantial sum for scholarship and financial aid purposes. Several regional Amherst Alumni Associations also provide special scholarships to students from their areas; such awards are currently sponsored by the Connecticut, Michigan, Northern Ohio, St. Louis and Washington (D.C.) Associations. Without these alumni contributions, the College could not maintain its present financial aid program.

Additional financial aid is available to Amherst students from sources outside the College. A number of foundations and corporations grant funds which the College distributes on the basis of high merit and financial need. Notable special scholarships are granted by the Alfred P. Sloan Foundation, the General Motors Corporation, the Procter and Gamble Corporation, the Agnes M. Lindsay Trust, the Edwin Gould Foundation for Children, the Allied Chemical Corporation, the Hubshman Foundation and the Harold L. Bache Foundation. The College also participates in the National Defense Student Loan Program which makes federal loans available to students who can demonstrate financial need.

Amherst College has a broad financial aid program in which scholarship grants, loans and student employment all play an important part. About one third of the students receive financial aid. Awards range from \$200 to \$2,900.

The officer directly in charge of the administration of financial aid is Dean Routh.

FINANCIAL AID POLICY AND PROCEDURE

The College grants financial aid primarily on the basis of demonstrated financial need, but a student's character and academic performance and

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promise are important factors. A student's financial need is calculated by subtracting from his probable college year expenses the amount which he and his family may reasonably be expected to supply. His college year expenses include tuition, room, board, fees, transportation, a sum of \$500 for books and personal expenses, and fraternity fees for upperclassmen. The family contribution is computed in accordance with the standard procedures of the College Scholarship Service. The college assumes further that each student will assist in financing his education through summer employment and part-time jobs during the college year. Students who receive financial aid may not maintain and operate motor vehicles in the Amherst and Hadley area without express permission from Dean Routh.

Financial aid awards to incoming freshmen usually take the form of outright grants. Upperclassmen may expect part of their awards to be long-term, low-interest loans. As a general rule sophomores may expect a loan proportion of 20%, juniors 30%, and seniors 40%. These loans require no payment of interest or principal until one year after graduation from Amherst or graduate school, or upon completion of military service, whichever is latest. Thereafter, the loans are repayable on a monthly basis within a ten-year period at a moderate rate of simple interest. Part of a student's loan may be forgiven if he enters certain low-paying professions of service.

Renewal of scholarship grants is not contingent upon acceptance of the loan portion; many students prefer to earn more money during the summer or at college so that no loan is needed. Students who are unable to meet the summer-earning expectation by reason of unusual or educational summer-time opportunities may petition for an increase in loan to cover the difference. The size of the loan portion is also influenced by the quality of the student's academic record; those with particularly fine records may receive a reduction of the loan portion, and conversely those whose academic work is not satisfactory may have a higher loan portion. Recipients of national scholarships and outside foundation awards are not subject to these loan provisions. Recent experience has shown that the increased use of loan funds has added a considerable degree of flexibility to the financial aid program, and has made it possible to assist almost every student who needs help.

APPLYING FOR FINANCIAL AID

Candidates for admission who desire scholarships should file applications for financial aid at the same time they file their applications for admission. Both applications must be received by the Admissions Office before March 1 to be considered. An application for financial aid requires the submission of two forms: a Parents' Confidential Statement filled out by the parents, and a Freshman Scholarship Application filled out by the candidate for admission. Candidates may obtain copies of the Parents' Confidential Statement from their secondary school guidance counselors or from the College Scholarship Service, Box 176, Princeton, New Jersey 08540, or Box 1025, Berke-

FINANCIAL AID

ley, California 94701. Parents should send the completed form to the College Scholarship Service which will process it and forward the results to Amherst College for evaluation and final decision. Freshmen Scholarship Applications may be obtained from the Office of the Dean of Admission by filling in the financial aid request form accompanying every application for admission. Applicants for financial aid need not take any special examinations other than those required for admission.

Undergraduates who desire renewal of their financial aid awards or who wish to apply for financial aid for the first time must file applications by April 15. Application entails submission of a Parents' Confidential Statement filled out by the parents and an Upperclass Financial Aid Application filled out by the student. Both forms may be obtained in Dean Routh's Office and both should be returned directly there. Upperclassmen will receive notification of their financial aid awards in July.

TOWN SCHOLARSHIPS

The Trustees of the College have provided that entering students who, with their parents, have been residents of the Town of Amherst for three years prior to the time of admission may be granted free tuition for the freshman year. The grants are continued throughout the college course of these students, provided they satisfy the College's scholarship requirements, conform to its regulations, and their parents continue to live in Amherst.

STUDENT LOAN FUND

Through the generosity of friends of the College, the Student Loan Fund has been established from which small short-term loans may be made to a few students who require funds to meet personal emergencies or other needs for which scholarship loans may not be obtained. In accordance with the conditions set by the donors, use of the Student Loan Fund is limited to students in good scholastic standing whose habits of expenditure are economical. The rate of interest is slightly higher and the repayment period shorter than for scholarship loans, but complete scholarship application procedure is not required. The Business Manager of the College administers the Student Loan Fund. Further information about it may be obtained from his office.

ADDITIONAL FINANCIAL AID INFORMATION

A more detailed description of the financial aid program, *Costs and Financial Aid at Amherst College*, is available upon request from the Admission Office. Questions about the financial aid policy of Amherst College should be directed to Dean Routh.

Degree Requirements

BACHELOR OF ARTS

THE degree, Bachelor of Arts, is conferred upon students who have satisfactorily met the requirements described below. The plan of studies leading to this degree is arranged on the basis of the equivalent of an eight-semester course to be pursued by students in residence at Amherst College.

The degree, Bachelor of Arts, *cum laude*, *magna cum laude*, or *summa cum laude* (Degree with Honors) is awarded to students who have successfully completed an approved program of honors work with a department or group.

Other students who satisfactorily meet the requirements as indicated below receive the degree, Bachelor of Arts, *rite*.

REQUIREMENTS

The Bachelor of Arts degree is awarded to students who:

1. Complete thirty-two full semester courses and four years of residence;*
2. In freshman and sophomore years complete the three Problems of Inquiry courses;
3. Satisfy the distribution requirement (seven courses outside the major department) as specified below;
4. Satisfy the language requirement in French, German, Greek, Italian, Latin, Russian or Spanish as specified below;
5. Complete the requirements for a major in a department or a group of departments as specified below;
6. Complete certain prescribed work in physical education;
7. Have no deficiencies in the work of any year and
8. Attain a general average of 70 in the courses completed at Amherst and a grade of at least 70 or C in every course completed at another institution.

Members of the classes of 1967, 1968, and 1969 will complete requirements 4 through 8 above. They may not elect Problems of Inquiry. They should take a normal program of four full courses during each of their remaining semesters. Members of the classes of 1967 and 1968 should have completed a total of four full courses outside of their major division during

*A faculty vote specifies that a student with twenty-four courses and three years of residence may apply for graduation if all other requirements have been met. Conditions under which such a request would be granted are still under study. The four-year residence requirement has only been abrogated in recent years for transfer students, students participating in the M.I.T. program (page 38) and students given special permission by the Dean to substitute up to one year of work at a university, usually foreign. Excepting for the M.I.T. program, residence is required at Amherst College during the senior year.

DEGREE REQUIREMENTS

their third and fourth years. Members of the class of 1969 will satisfy the extra-divisional requirement by taking during their sophomore year one two-course sequence in two of the three divisions of the curriculum and one course in the other division. (A course or sequence of courses taken in the department of the student's major, if he has elected one, may be used to help satisfy this requirement.) A three- or four-credit course under the old curriculum is equivalent to a full course under the new.

COURSE REQUIREMENTS

All students except Independent Scholars are required to elect four full courses each semester and may elect an additional half course. No student may elect more than two half-courses in any one semester. No student may elect five full courses, but with the consent of the instructor may audit a fifth course.

DISTRIBUTION REQUIREMENT

In order to provide students with a breadth of experience outside of their fields of major interest, each department has prepared one or more two-course sequences and one or more three-course sequences designed to give an introduction to its concepts, methods and achievements. Students are required to take one two-course sequence in a field outside the major but within the same division as the major, one two-course sequence in one of the divisions outside that of the major and one three-course sequence in the other division outside that of the major. Both two-course sequences and at least two courses of the three-course sequence must be completed by the end of the sophomore year.

In foreign languages only courses at the literary level may be used to satisfy the distribution requirement in the humanities division. Problems of Inquiry do not satisfy any distribution requirement. Advanced placement in a course of study does not satisfy any part of the distribution requirement in that division.

Divisions are defined as follows:

Division I, Humanities, includes Dramatic Arts, English, all foreign languages including Classics, Fine Arts, Music, Philosophy and Religion.

Division II, Social Sciences, includes American Studies, Anthropology, Economics, History, Legal Studies, Political Science and Psychology.

Division III, Mathematics and Natural Sciences, includes Astronomy, Biology, Biophysics, Chemistry, Geology, Mathematics and Physics.

LANGUAGE REQUIREMENT

In modern languages the requirement may be met either:

1. At entrance by a satisfactory score in the College Entrance Examination Board achievement test in the language, plus a demonstration of ability to

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comprehend the spoken language as shown either by a satisfactory score in the listening comprehension test administered by the College Entrance Examination Board, or in an aural examination to be given to freshmen at the beginning of the college year; or

2. After entrance by passing course 5 in French, German or Spanish; or by passing course 12 in Italian or course 4 in Russian; or by passing reading and aural comprehension examinations to be given at the end of course 3 in French, German or Spanish.

In ancient languages the requirement may be met either:

1. At entrance by a satisfactory score in the College Entrance Examination Board achievement test in Greek or Latin, or

2. After entrance by passing Latin 3 with a grade of 70, by passing any higher numbered full course in Latin, or by passing Greek 11.

THE MAJOR REQUIREMENT

A major consists of eight courses pursued under the direction of a department or special group. A major cannot begin later than the junior year and may begin in either the freshman or sophomore year. At least one course in the major must be included in each semester of both junior and senior years. Each department decides whether a freshman course in a department shall count toward its major. Students may change their major at any time provided that they will be able to complete the new program before graduation.

The major program can be devised in accordance with either of two plans:

Plan A: A student may complete the eight-course requirement within one department. He must complete at least six courses within one department, however, in which case he may take the remaining two courses in related fields approved by the department.

Plan B: Combinations of courses not provided for under Plan A, but similar in aim to the established group majors in American Studies and Biophysics, may be made with the consent of the several departments concerned and of the Dean.

DEGREE WITH HONORS

The degree Bachelor of Arts with honors is awarded at graduation to students whose academic records give evidence of particular merit. It may be awarded *cum laude*, *magna cum laude*, or *summa cum laude*, according to the level of achievement of the candidates. All degrees with honors are noted on the diploma and the commencement program, and are announced in the annual catalog.

The award of honors is made by the Faculty of the College. In making such awards the Faculty will take into account the following factors: (1) Candidates must have a minimum college average of 80 to be eligible to be

DEGREE REQUIREMENTS

considered for the degree *cum laude*, of 86.00 for the degree *magna cum laude*, and of 90.00 for the degree *summa cum laude*. (2) Candidates must receive the recommendations for the degree *cum laude*, *magna cum laude*, or *summa cum laude* from the department in which they have done their major work. Each department will define the conditions upon which it will be its practice to make recommendations to the Faculty. (3) In the case of the award of *magna cum laude* and *summa cum laude* the Dean and the Committee of Six will review the entire record of candidates and will transmit to the Faculty their recommendations. Only students of marked distinction in both general work and in the field of honor studies will be recommended for the *summa cum laude* degree.

In exceptional cases, upon recommendation of the department in which the candidate has done his major work, the Committee of Six may recommend to the Faculty that a student be awarded a degree of honors for which he does not have the required average.

The minimum average required for a student to be accepted by a department as a candidate for honors is determined by the department concerned.

Students in the Independent Study Program may become candidates for the degree with honors. Recommendations for such students will be made by the student's tutor together with those members of his committee who have joined in assigning him his comprehensive grade in the program.

INDEPENDENT STUDY

A limited number of students who elect to do so may participate in an independent study program, usually in the junior and senior years. Participants are chosen by a faculty committee including the Dean of the Faculty, after nomination by the faculty advisor or some other member of the Faculty. Such Independent Scholars will be free from further academic requirements to continue their studies under the direction of a tutor, chosen by the student with the advice and consent of the selection committee. The tutor will provide the guidance and counsel necessary to help the student attain the educational objectives he has set for himself. The tutor and one or more other members of the Faculty familiar with the student's work will ultimately assign a comprehensive grade and provide a detailed, written evaluation of the student's performance which will become part of his formal record at Amherst College. Grades in such regular courses as the student may elect will be taken into account in assigning the comprehensive grade, and the student is eligible for a degree with honors, as well as all other awards and distinctions.

ADVANCED PLACEMENT & EARLY GRADUATION

Many academic departments grant advanced placement to properly qualified students by allowing them to enroll in a course beyond the elementary

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offering. (This does not constitute satisfaction of the distribution requirement in that division.) While the College does not confer advanced *standing* on entrance, an undergraduate with three years of residence and 24 courses, and who has completed all other requirements, may apply for graduation.

FOUR-COLLEGE COURSES

Amherst has an arrangement with Mount Holyoke College, Smith College and the University of Massachusetts by which any of their regular courses is, under special circumstances, open to Amherst students.

In general, permission to take any such course will be given to a student in good standing, for a course suitable to a liberal arts college curriculum, which is not offered at Amherst College and which has a bearing on the plan of education laid down by the student and his advisor.

In any case, approval of the chairman of the student's major department, of the chairman of the Amherst College department to which the course belongs, and of the Dean of the Faculty is required.

Students interested in such courses will find current catalogs of the other institutions at the Loan Desk of the Library and at the Registrar's Office. Application blanks may be obtained from the Registrar's Office.

MASTER OF ARTS

THE degree of Master of Arts is conferred upon students who have received the Bachelor of Arts degree either from Amherst College or from another college which has similar requirements for the Bachelor of Arts degree, and who have met the requirements described below. Application forms and a detailed explanation of the requirements may be obtained from the Dean. The tuition charge for the Master of Arts degree is \$1,700.

REQUIREMENTS

To become a candidate for the Master of Arts degree, students are expected to have had at least a B average or its equivalent in their undergraduate work. They should secure approval of proposed courses of study from the Dean, the department concerned, and the Committee of Six, not later than the June preceding the opening of the college year in which they plan to begin work for this degree.

Candidates are required to complete at least eight semester courses of advanced character, or the equivalent, under the direction of the department concerned, to secure grades of at least B in every course, to spend a minimum of two semesters in residence at Amherst College, to prepare a satisfactory thesis, and to pass oral and written comprehensive examinations.

DEGREE REQUIREMENTS

COOPERATIVE DOCTOR OF PHILOSOPHY

A COOPERATIVE Doctor of Philosophy program has been established by Amherst, Mount Holyoke, and Smith Colleges and the University of Massachusetts. The degree is awarded by the University of Massachusetts but some and perhaps much—and in a few exceptional cases even all—of the work leading to the degree might be done in one or more of the other institutions.

When a student has been awarded a degree under this program, the fact that it is a cooperative doctoral degree involving Amherst, Mount Holyoke, and Smith Colleges and the University of Massachusetts will be indicated on the diploma, the permanent record, and all transcripts, as well as on the commencement program.

The requirements for the degree are identical to those for the Ph.D. degree at the University of Massachusetts except for the statement relating to "residence." For the cooperative Ph.D. degree "residence" is defined as the institution where the dissertation is being done.

Students interested in this program should write to the Dean of the Graduate School at the University of Massachusetts. However, students who wish to work under the direction of a member of the Amherst Faculty must have their proposal approved by the Dean of Amherst College and by the Amherst Faculty Committee of Six.

Faculty Statement on Intellectual Responsibility

IN order to cooperate with the Student Council in its efforts to maintain an honor system at Amherst College, the Faculty has voted the following statement and articles:

A Statement of Intellectual Responsibility Among Students at Amherst College:

The following Articles are an institutional expression of the basic fact that every man's education is the product of his own intellectual efforts. Amherst cannot educate a man who will not educate himself. Amherst sees no value in making its facilities available to a man who avoids the responsibility and opportunity for his own education. Every man who enrolls and remains at Amherst, therefore, understands that to submit work which is not his own violates the purpose of the College and of his presence there. No intellectual community can maintain its integrity or be faithful to its members if violations of its central purpose are for any reason tolerated.

This principle of intellectual responsibility applies to all work done by students.

ARTICLE I

This statement will be perpetuated in the Amherst College Bulletin, Student Handbook, and other publications deemed appropriate. The following affirmation will be printed on the course enrollment cards for every course; it must be signed before enrollment can be considered:

"I have read, understand, and accept the Statement of Intellectual Responsibility Among Students at Amherst College, and agree with this principle as it relates to this course.

.....(signed)"

ARTICLE II

Section 1. Examinations will not be proctored; orderly and honorable conduct of examinations will be the individual and collective responsibility of the students concerned, in accordance with the Statement above.

Section 2. The instructor may be present at examinations at appropriate times to answer any questions that arise.

ARTICLE III

In instances of purported or ascertained violation of the Statement of Intellectual Responsibility, the Student Council will, after proper scrutiny and

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deliberation, recommend the course of action to be followed, the recommendation being subject to the approval of the College Council and of the President of the College.

ARTICLE IV

The Student Council shall make provision for explaining the Statement of Intellectual Responsibility to incoming freshmen and to new members of the Faculty, and for publicizing and interpreting the Statement to the Student Body during the year. The Student Council will consider any problems of maintaining intellectual responsibility which are brought before them by the students. They will make any recommendations which they deem advisable for action by the Faculty and Administration. At some time each year the Council shall also be responsible for a serious review of the effectiveness of these procedures in promoting the central purpose of the College.

III

COURSES OF INSTRUCTION

Courses of Instruction

CCOURSES are open to all undergraduates, subject only to the restrictions specified in the individual descriptions. Courses listed as elective for a particular class may be elected by members of that class and higher classes. In general all courses numbered 1 to 9 are introductory language courses. Introductory courses in other areas are numbered 11 to 20, senior honors courses, usually open only to candidates for the degree with honors, are numbered 77 and 78, and special topics courses are numbered 97 and 98. All courses, unless otherwise marked, are full courses. The course numbers of double courses and half courses are preceded by D or H. All odd-numbered courses are offered in the first semester, unless followed by the designation s, and all even numbered courses are offered in the second semester unless followed by the designation f. Courses offered in the past two years and renumbered in this announcement are listed with the old (as well as the new) course numbers.

Departments may offer a semester or a year course known as Special Topics in which a student or a group of students study or read widely in a field of special interest. It is understood that this course will not duplicate any other course regularly offered in the curriculum and that the student will work in this course as independently as the director thinks possible.

Before the time of registration the student should consult the teacher in whose field of competence his subject comes and who will direct his work; they will decide the title to be reported, the nature of the examination or term paper, and will discuss the preparation of a bibliography and a plan of coherent study. All students must obtain final approval of the Department before registration. Two special topics courses may not be taken concurrently.

PROBLEMS OF INQUIRY

Each of the three Problems of Inquiry courses is a one-semester interdisciplinary introduction to the outlook and methods of one of the major divisions of the liberal arts program. Students must normally elect these three courses within their first four semesters, although some who choose a major in the first two years may (depending on major department requirements) be exempt from the Problems of Inquiry course in their major division. No more than one of these courses may be elected in a single semester.

1. Humanities. A number of works in the humanities will be considered with an eye toward distinguishing and comparing the kinds of discourse

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stimulated by each. Materials will be selected mainly, though not exclusively, from literature, music, fine arts, and imaginative works of discursive prose.

Three meetings a week, usually in sections. Elective only for Freshmen in 1966-67. First semester. Professors Cameron, French, Girsch, Kennick, Mishkin, Pritchard (Chairman), Trapp, and White; Mr. Sofield.

1s. Humanities. Same description as Problems of Inquiry 1.

Three meetings a week, usually in sections. Elective only for Freshmen in 1966-67. Second semester. Professors Chickering, French, Mishkin, Pemberton, Pritchard (Chairman), Schmalz, Simpson, and White; Mr. Sofield.

2f. The Social Sciences. An examination of the ways in which the various social sciences seek to understand social phenomena. For 1966-67, the subject will be totalitarianism. The course will be concerned with the techniques and explanatory models employed by the disciplines involved and with the historical importance of the events for which totalitarianism serves as a generalizing concept. The class will meet as a whole for lectures, symposia, and films, and in sections for seminar discussions.

Elective only for Freshmen in 1966-67. First semester. Professors Browning, Czap, Guttman (Chairman), Halsted, Olver, Pitkin and Ratté; Messrs. Arkes, Dinkelspiel and Levin.

3. The Natural Sciences. A study of selected developments in physical science intended to show what is meant by a scientific concept and to explore the processes of reasoning which lead to the concepts treated. The problems chosen are also intended to illustrate the way in which scientific reasoning has led to discoveries which influence the outlook of man toward the world around him. Typical problems include the development of atomic-molecular theory and the changing conceptions of the nature of heat. Three hours classroom and two hours laboratory per week.

This course is not open to students who have completed Physics 14 or its equivalent. Students planning to take Physics 13 and 14 should consult with their advisor before registering for this course. Elective only for Freshmen in 1966-67. First semester. Professors Langford (Chairman), Epstein, Fink, and Dempsey.

3s. The Natural Sciences. Same description as Problems of Inquiry 3.

This course is not open to students who have completed Physics 14 or its equivalent. Students planning to take Physics 13 and 14 should consult with their advisor before registering for this course. Elective only for Freshmen in 1966-67. Second semester. Professors Langford (Chairman), Duffy, Fink, Kropf, Towne, and Tredwell.

AMERICAN STUDIES

Professors DeMott, Kennedy,* Marx, B. Morgan, C. Morgan,* Rozwenc, Ward, Warne and Ziegler; Associate Professors Greene and Hawkins; Assistant Professors Girsch, Guttman, Halsey, and Juergens; Messrs. Boettiger, Levin and Reed

American Studies is a program which searches for an understanding of the relations among institutions, ideas, and aesthetic forms within the American experience. By combining work in a number of the traditional scholarly disciplines, it aims to place the student in a position where he can see and can make some statements about these relations.

Major Program. A major in American Studies is required to develop a program of courses and independent reading which will enable him to pass a series of intensive written and oral examinations in the spring semester of the senior year. These examinations will cover:

1. The main forces which have shaped American life throughout American history. An American Studies major must understand changes in political and social institutions, the forms of economic organization, the competing myths and ideologies, and the programs of social action which have developed in the American experience.

2. The classic writings and other creative efforts in the American intellectual tradition. These include significant works in literature, art, philosophy, and political and social theory.

Beginning with the class of 1969 a major in American Studies will be required to take both terms of the introductory course (American Studies 11, 12) and to work out for himself a program of study inside and outside of courses which will enable him to pass the intensive examinations of the senior year. Such a program of study should include a primary emphasis on history and literature (at least three courses in each field), and a competent knowledge of at least one other field (at least two courses), viz., economics, political science, anthropology, philosophy, art, or music.

A major in American Studies will be given a reading list upon acceptance into the major; at the beginning of the first semester of the senior year he shall take a written examination on the works which appear on the reading list. A student who fails to perform satisfactorily in this examination in September will not be permitted to take either the rite or honors seminar in the senior year. Such a student will be required to complete, on his own, an extended list of readings in preparation for an examination at the end of the senior year which will enable the Department of American Studies to determine whether or not he can be recommended for the degree of Bachelor of Arts.

*On leave 1966-67.

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A student majoring in American Studies is urged to take a two-term sequence in European Civilization approved by the departmental advisor, and a one-term course in cultural anthropology with the permission of the department of Anthropology.

A major in American Studies who is not admitted to the honors program is required to take a special seminar in the senior year (American Studies 72).

Honors Program. A candidate for honors is required to take the Junior Honors Seminar, and the senior conference courses, American Studies 77 and 78. In conjunction with the senior conference course, each candidate will write an original essay on a topic which has been approved by the Department.

Distribution Sequences. A student taking a three-course sequence will be expected to take both terms of the introductory course (American Studies 11, 12) and a third course; a student taking a two-course sequence in the Department will be allowed to take only American Studies 11, 12.

Unless otherwise specified all courses are open to freshmen.

11, 12. An Introduction to American Civilization. This course will explore the significant interrelations among politics, economic organization, literature, religion, art, etc. in selected moments of American history. The center of attention in the course will be the investigation of large cultural configurations in the American experience rather than a comprehensive historical treatment. Relevant problems of meaning and method in this kind of interdisciplinary inquiry will also be considered.

Elective for Freshmen. First and second semesters. Professors Girsch, Greene, Guttmann, Halsey, Hawkins, Juergens, Marx, B. Morgan, Rozwenc, Ward, Warne and Ziegler. Messrs. Boettiger, Levin and Reed.

The American Economy. Same course as Economics 12.

Second semester. Professor Throop.

Labor Economics. Same course as Economics 21.

First semester. Professor Warne.

American Economic History. Same course as Economics 28.

Second semester. Professor Aitken.

American Art. Same course as Fine Arts 38.

Elective for Sophomores. Second semester. Professor Trapp.

Readings in American Literature. Same course as English 60.

Requisite: At least two semester courses in American literature. Elective for Juniors. Admission with the consent of the instructor. Seminar course limited to 15 students. Second semester. Professor Marx.

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American Literature I. Same course as English 61.

Elective for Sophomores. First semester. Professor Marx.

American Literature II. Same course as English 62.

Elective for Sophomores. Second semester. Professor Guttmann.

American Literature III. Same course as English 63.

Elective for Sophomores. First semester. Professor Marx.

American Philosophy. Same course as Philosophy 21.

Elective for Sophomores. First semester. Omitted 1966-67. Professor Kennedy.

Religion in America. Same course as Religion 34.

Elective for Juniors. Second semester. Omitted 1966-67. Professor B. Morgan.

American Government. Same course as Political Science 21.

Elective for Sophomores. First semester. Professor Ziegler.

Political Parties. Same course as Political Science 31.

Elective for Sophomores. First semester. Mr. Arkes.

American Constitutional Development. Same course as Political Science 41.

Elective for Sophomores. First semester. Omitted 1966-67. Professor Latham.

American Political Thought. Same course as Political Science 48.

Elective for Sophomores. Second semester. Professor Kateb.

The History of American Society. Same course as History 55.

First semester. Professor Rozwenc.

The History of American Society. Same course as History 56.

Second semester. Professor Rozwenc.

Seminar in Southern History. Same course as History 57.

Limited to 15 students. First semester. Professor Hawkins.

The Progressive Generation. Same course as History 58.

Limited to 15 students. Second semester. Omitted 1966-67. Professor Greene.

Society and Politics in Jacksonian America. Same course as History 59.

First semester. Professor Ward.

Society and Politics in the Era of the New Deal. Same course as History 60.

Limited to 15 students. Second semester. Professor Rozwenc.

Foundations of American Civilization. Same course as History 61.

First semester. Professor Greene.

American Diplomatic History. Same course as History 62.

Second semester. Professor Greene.

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Conference Course in American Intellectual History. Same course as History 63.

Admission by consent of the instructor only. First semester. Professor Commager.

Conference Course in American Intellectual History. Same course as History 64.

Admission by consent of the instructor only. Second semester. Professor Commager.

Seminar in American Educational History. Same course as History 66.

Limited to 15 students. Second semester. Professor Hawkins.

Science in America. Same course as History 70.

Elective for Juniors and, with the consent of the instructor, for Sophomores. Second semester. Professor Fruchtbaum.

68. Introduction to Honors Work in American Civilization. One two-hour seminar weekly.

Required of all Junior candidates for honors. Second semester. The Department.

72. Seminar in American Civilization. A study of selected topics in American Civilization including problems of methodology in the various disciplines within the American Studies program. One two-hour seminar weekly.

Required for Senior Rite majors. Admission with consent of the Department. Second semester. The Department.

77. Conference Course in American Civilization. Honors work in American civilization.

Elective for Seniors with the consent of the Department. First semester. The Department.

D78. Honors. A double course.

Elective for Seniors with the consent of the Department. Second semester. The Department.

97. Special Topics. Independent Reading Course.

First semester.

98. Special Topics. Independent Reading Course.

Second semester.

ANTHROPOLOGY

Professor Pitkin and Miss Eayrs

The Anthropology program is designed to bring relevant material from a variety of disciplines (especially biology and psychology), as well as anthro-

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pology itself, to bear upon a fuller understanding of man in all his manifestations in time and space.

Major Program. Students majoring in the Department will normally take Anthropology 11, 12, 21, 26, 31, 36 and 40 and Problems of Inquiry 2. Candidates for degrees with honors will include 77, 78. In their senior year they will also take a comprehensive examination and prepare a thesis under the guidance of some member of the Department.

Distribution Sequences. Anthropology 11, 12, and Anthropology 11, 12 and 21 will be designated as the two- and three-course sequences, respectively, for distributional credit. For the class of 1969 the two-course sequence will be Anthropology 12 and 21, and the three-course sequence will be Anthropology 12, 21 and 26.

11. The Evolution of Culture. An analysis of culture in evolutionary perspective, regarding it as the distinctive adaptive mode of man. Formerly Anthropology 21.

Elective for Freshmen. Not to be elected by students who have elected Anthropology 21 or 21s in the former curriculum. First semester. Professor Pitkin.

12. The Culture Concept. A comprehensive analysis of the culture idea, the history of its development and its application in the analysis of contemporary social forms.

Elective for Freshmen. Second semester. Professor Pitkin and Miss Eayrs.

21. Comparative Social Organization. A comparative analysis of a number of primitive societies with special attention to their relevance for an understanding of more complex forms.

Elective for Sophomores. First semester. Miss Eayrs.

26. Peasant Society and Culture. An examination of the concept of peasantry in addition to an analysis of a number of peasant societies drawn both from literature and the social sciences. Formerly Anthropology 42.

Elective for Sophomores. Not to be elected by students who have elected Anthropology 42 in the former curriculum. Second semester. Professor Pitkin.

31. Social Structure and Language. An attempt to formulate unified theories of the structure of human behavior within which language appears as a special though central case. Two-hour weekly seminar.

Limited to fifteen students. Elective for Juniors with consent of the instructor. First semester. Miss Eayrs.

36. Culture and Personality. An examination of theoretical and methodological issues concerning the relationship between personality and culture. Two-hour weekly seminar. Formerly Anthropology 41.

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Limited to fifteen students. Elective for Juniors with consent of the instructor. Not to be elected by students who have elected Anthropology 41 in the former curriculum. Second semester. Professor Pitkin.

40. Anthropological Theory. A critique of anthropological theory from Tylor to the present. Two-hour weekly seminar.

Limited to fifteen students. Elective for Juniors with consent of the instructor. Second semester. Miss Eayrs.

77, 78. Honors Course.

First and second semesters. The Department.

97, H97, 98, H98. Special Topics. Independent Reading Courses. Full or half course.

First and second semesters. The Department.

ASIAN AND AFRICAN STUDIES

The following regular Amherst College courses are included in Asian and African Studies: Economics 36; History 45, 46, 47, 48, 51, 52, 54; Political Science 44; and Religion 24.

A number of courses are offered at neighboring institutions. They include:

Anthropology 374b. Cultures of the Far East

Second semester. University of Massachusetts. Professor Fortier.

Arabic 101ab, 201ab, 301ab. Elementary, Intermediate and Advanced Arabic

First and second semesters. Smith College. Professor Haddad.

Chinese 1a, 2b, 107a, 108b, 311a, 312b. Elementary, Intermediate and Advanced Chinese

First and second semesters. University of Massachusetts. Professor Kung.

Chinese 333a, 334b. Chinese Literature in Translation

First and second semesters. University of Massachusetts. Professor Kung.

Japanese 1a, 2b, 107a, 108b. Elementary and Intermediate Japanese

First and second semesters. University of Massachusetts. Mr. Ohta.

Sociology 265. Population of Japan. Prerequisites or Permission of Instructor.

Second semester. University of Massachusetts. Professor Wilkinson.

Religions of Japan

Mount Holyoke College. Professor Yamashita.

A general statement on four-college courses will be found on page 52. A complete list of descriptions and enrollment information may be obtained from the Registrar.

ASTRONOMY

Professors Gluckstern and E. R. Harrison; Associate Professor Irvine; Assistant Professors Army and Stienon; Mr. Adler

A joint Astronomy Department provides instruction at Amherst, Mount Holyoke and Smith Colleges and the University of Massachusetts. Introductory courses are taught separately at each of the four institutions; advanced courses are taught jointly.

ASTFC indicates courses offered by the Four-College Astronomy Department. These courses are listed in the catalogs of all four institutions.

Two alternative programs are available leading to a degree in astronomy. The honors program is designed to meet the needs of the student who wishes to prepare for graduate work in astronomy or astrophysics, or who wishes a combined honors program with mathematics or physics. The rite major is available to the student who wishes to study astronomy largely for its cultural value, but who does not plan graduate study.

The facilities of all four institutions are available to departmental majors. Should the needs of a thesis project so dictate, the Department may arrange to obtain special materials from other observatories.

Major Program. Minimum requirements: Astronomy 11, 37, 38, 73, 74; Chemistry 31; Mathematics 11, 12, 21, H23; Physics 13, 14, 26; or equivalent by advanced placement.

Astronomy majors are not required to take Problems of Inquiry 3.

The course schedules for astronomy majors in the Classes of 1967, 1968, and 1969 will be arranged, in consultation with the Department, on an individual basis.

A student who considers majoring in astronomy should consult with the Department as early as possible in his college career. Honors students should complete Mathematics 12 and Physics 13 before the start of the sophomore year.

An appropriate program for the student who achieves advanced placement in physics or astronomy will be devised on an individual basis, in consultation with the Dean and the Physics Department.

Honors Program. Minimum requirements: Astronomy 11, 37, 38, 77, 78; Chemistry 31; Mathematics 11, 12, 21, 22, H23; Physics 13, 14, 26, 27, 33, 58; or equivalent by advanced placement.

Distribution Sequence. A two-course Astronomy Department sequence is Astronomy 11 and Physics 13. Note that Physics 13 requires Mathematics 11.

11. Introductory Astronomy. A description of the properties of the solar system, individual and multiple stars, interstellar matter, our galactic system, and external galaxies. The course considers the techniques by which as-

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tronomers and physicists have developed an understanding of the constituents of our universe. The course includes a discussion of cosmology and the observational techniques by which this problem has been attacked. Occasional observing and demonstrations with the Spitz planetarium. Three hours classroom work per week, and observing sessions or laboratories arranged during the semester.

Elective for Freshmen. First semester. Professor Irvine.

37. Astronomical Observation, Reduction, and Analysis I. Fundamental astronomical catalogues and their uses; theory of the transit telescope; visual observation with the equatorial telescope and the transit; photography with the equatorial telescope; photographic photometry. Three hours of classroom work per week. Some classroom hours will be replaced by observing sessions to be arranged. Same course as ASTFC 37.

Requisite: Astronomy 11 and Physics 14. Required of all astronomy majors. Elective for Juniors. First semester. Mr. Adler.

38. Astronomical Observation, Reduction, and Analysis II. Astronomical spectroscopy including line identification, plate calibration and radial velocity determination; photography of objective grating spectra; photoelectric photometry including determination of atmospheric extinction and extrapolation to stellar color indices and magnitudes outside the atmosphere; photoelectric light curves of variable stars. Three hours of classroom work per week. Some classroom hours will be replaced by observing sessions to be arranged. Same course as ASTFC 38.

Requisite: Astronomy 11 and Physics 14. Required of all astronomy majors. Elective for Juniors. Second semester. Professor Stienon.

43. Mathematical Astronomy I. Basic topics in astronomy and astrophysics. Observational basis of astrophysics. General principles and the principal state of stellar interiors. Stellar evolution. Interstellar conditions and galactic structure. Two two-hour meetings per week. Same course as ASTFC 43.

Requisite: one year of physics, one year of calculus, and the permission of the instructor. Elective for Juniors. First semester. Professor Harrison.

44. Mathematical Astronomy II. The restricted three body problem; advanced concepts in mechanics applicable to astronomical problems; stellar motions and stellar statistics. Two two-hour meetings per week. Same course as ASTFC 44.

Requisite: Astronomy 11 and Physics 26. Elective for Juniors. Second semester. Professor Irvine.

73, 74. Reading Course. Required of rite majors. Students electing this course will be required to do extensive reading in the areas of astronomy and space science. Two term papers will be prepared during the year on topics acceptable to the department.

Elective for Seniors. First and second semesters. The Department.

77, 78. Senior Honors. Honors students may engage in either a theoretical or an observational program. Observational facilities include the 16-inch photometric reflector at Smith College, the 20-inch reflector at the University of Massachusetts, the 18-inch refractor at Amherst College, and the 4-inch Ross camera with objective grating at Amherst College. The department may arrange to obtain necessary materials from other observatories if the honors project requires them. An excellent astronomical library at Amherst and access to the CDC 3600 computer at the University of Massachusetts permit wide opportunities for theoretical honors programs. An honors candidate must submit an acceptable thesis and pass an oral examination. The oral examination will consider the subject matter of the thesis and other areas of astronomy specifically discussed in astronomy courses.

Elective for Seniors. Required of honors students. First and second semesters. The Department.

BIOLOGY

Professors Hexter, Kidder, Wood,* and Yost; Associate Professors Brower and Leadbetter;* Assistant Professors Ellis, Wallace and Zimmerman; Dr. Ives.

Major Program. A major in biology will consist of at least six semester courses in biology and two semester courses of organic chemistry. Biology 21, 22, 23, and 24, preferably in sequence, are required for majors. Biology 11-12 will not count toward the major without approval by the Department.

All majors must take a comprehensive examination during the senior year. The examination, which will cover the different areas of biology, may be either oral, written, or a combination of the two, as determined by the Department.

Specific requirements may be modified with the approval of the Department. It is recommended that Freshmen intending to major in biology concentrate during their freshman year on necessary background courses in mathematics, physics, or chemistry. Biology majors should omit Problems of Inquiry 3.

Honors Program. Honors work in biology is intended to offer an introduction to the purposes and methods of biological research. It is an excellent preparation for those students who wish to become professional scientists or who wish to acquire first-hand knowledge of the methods of modern science.

Candidates for the degree with honors should have completed, by the beginning of senior year, Biology 21, 22, 23, and 24. Honors candidates must elect Biology 77-78 and must complete, by the end of the senior year, a

*On leave 1966-67.

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minimum of eight full courses in biology. Specific requirements may be modified with the approval of the Department.

The work for honors in biology consists of two main activities: (a) participation in a seminar in which the candidate reports on recent literature dealing with current scientific investigations; (b) an original investigation under the direction of some member of the staff. The candidate writes a thesis presenting the results of his research to the whole Department.

Distribution Sequences. The following three-semester distributional sequences are offered (the first two courses in each case satisfy the requirement for a two-semester distribution sequence):

1. Biology 11, Biology 12, and any other course in the Department for which the student has the requisites.
2. Chemistry 11 or 31, Biology 14, Biology 21.
3. Chemistry 11 or 31, Biology 21, and either Biology 22, 23, or 24.

11. Introduction to Biology I. An introduction to biological principles as a part of a program of liberal study. Recommended as a broad view of biology for non-science majors. Normally does not count toward a biology major. Three classroom hours and four hours of laboratory work per week.

Elective for Freshmen. First semester. Professor Zimmerman.

12. Introduction to Biology II. A continuation of Biology 11.

Requisite: Biology 11 or equivalent. Elective for Freshmen. Second semester. Professor Yost.

14. General Biology. An introduction to biological principles integrated with a first semester of chemistry and arranged as part of a program of liberal study. Recommended as a broad view of biology for science majors planning *not* to take Biology 21, 22, 23, and 24. Three classroom hours and four hours of laboratory work per week. Formerly Science 22 and Biology 22.

Requisite: Chemistry 11 or equivalent. Elective for Freshmen. Second semester. Professor Kidder.

21. Genetics and Cytology. A study of the facts of heredity, basic and advanced; principles of cellular structure based on a detailed analysis of the fine structure of cells; and consideration of the various hypotheses for the action of genes in the control of cellular and multi-cellular processes. Four classroom hours and four hours of laboratory work per week.

Requisite: concurrent registration in Chemistry 11 or equivalent. Required for biology majors. Elective for Sophomores. Freshmen may elect it with the consent of the instructor. This course is not to be taken by students who took Biology 24 in 1964-65; or 27 in 1965-66. First semester. Professors Hexter and Yost.

22. Developmental Biology. A study of the development of animals and plants, leading to the formulation of the principles of development, and in-

cluding an introduction to experimental embryology and developmental physiology. Four classroom hours and four hours of laboratory per week.

Requisite: Biology 21. Required for biology majors. Elective for Sophomores. Freshmen who have credit for Biology 21 may elect Biology 22 with the consent of the instructor. This course is not to be taken by students who took Biology 43 or 43s in 1963-65 or 28 in 1965-66. Second semester. Professor Ellis.

23. Cell Biochemistry and Physiology. A study of the physiology and biochemistry of general and specialized cell types. Four classroom hours and four hours laboratory per week.

Requisite: one semester each of biology and chemistry, and concurrent registration in Organic Chemistry. Required for biology majors. Elective for Juniors. Elective for Sophomores who have credit for Biology 22, with the consent of the instructor. This course is not to be taken by students who took Biology 51 or 53 in 1963-65 or 41 in 1965-66. First semester. Professor Kidder.

24. Organic Evolution. A study of organic evolution, citing examples of the types of evidence that demonstrate evolution; current fields of active study are investigated. Four classroom hours and four hours laboratory per week. Same course as Biology 42 in 1965-66.

Requisite: Biology 21. Required for biology majors. Elective for Juniors. Elective for Sophomores who have credit for Biology 21 with the consent of the instructor. Second semester. Professors Brower and Zimmerman.

41. Ecology. A study of the interrelations of living organisms and their environment. The natural regulation of animal numbers, problems of population, natural selection, and the origin and distribution of species will be discussed. Three classroom hours and four hours laboratory or field work per week. Same course as Biology 25 in 1963-65 and Biology 35 in 1965-66.

Requisite: Biology 21 or the consent of the instructor. Elective for Juniors. First semester. Professor Brower.

42. Bacteriology. A study of the ecology, physiology, and biochemistry of microorganisms, with special emphasis on the non-pathogenic bacteria. Two classroom hours and eight hours laboratory per week. Formerly Biology 54.

Requisite: Biology 23. Elective for Juniors. Limited to twenty students. Second semester. Omitted 1966-67. Professor Leadbetter.

43. Comparative Physiology. A study of aspects of the functioning of various systems of selected animals, both vertebrate and invertebrate. Three classroom hours and four hours laboratory per week. Same course as Biology 47 in 1965-66.

Requisite: one semester of biology. Elective for Juniors. Limited to twelve students. First semester. Professor Wallace.

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45. Vertebrate Paleontology. The evolution of vertebrates as shown by the study of fossils, and the relationship of environment to evolution. Three classroom hours and four hours laboratory work per week. Same course as Geology 45. Formerly Biology 55.

Requisite: Biology 24 or Geology 12. Elective for Juniors. Limited to twelve students. First semester. Omitted in 1966-67. Professor Wood.

46. Biology of Protozoa. A study of animal microorganisms with special emphasis on physiology, biochemistry, and development. Three classroom hours and four hours laboratory per week. Formerly Biology 58.

Requisite: Biology 23 and Organic Chemistry (which may be taken concurrently). Elective for Juniors. Limited to twelve students. Second semester. Professor Kidder.

47. Advanced Developmental Biology. An analysis of the present views of development at the cellular and biochemical levels with special attention to the genetic control of embryonic differentiation and to cellular interaction in morphogenesis. Three classroom hours and four hours laboratory per week.

Requisites: Biology 22 and 23. Elective for Seniors. Elective for Juniors who have credit for Biology 23 and with the consent of the instructor. Limited to twelve students. First semester. Professor Ellis.

52. Seminar in Genetics. A study in depth of one of several topics in genetics. Topics will vary from year to year. Primary sources will be used when available. Two classroom hours per week. Intended primarily for non-honors majors.

Requisite: Biology 21 and the consent of the instructor. Elective for Juniors. Limited to fifteen students. Second semester. Professor Hexter.

77. Biology Honors. All honors students will take this course. The work consists of a combined seminar, specialized seminars, and individual research. Students will elect one of the following specialized seminar courses with the approval of the Department: Biochemistry and Microbiology, Evolution, Developmental Biology, Genetics, and Radiation Biology. The course is designed for honors candidates but is open to other advanced students with the consent of the Department.

Requisite: Biology 21, 22, 23, and 24. Elective for Seniors. First semester. The Staff.

D78. Biology Honors. A continuation of Biology 77. A double course.

Elective for Seniors. Second semester. The Staff.

97, H97. Special Topics. Independent Reading or Research Course. Half or full course, as arranged.

First semester.

98, H98. Special Topics. Independent Reading or Research Course. Half or full course, as arranged.

Second semester.

BIOPHYSICS

Advisory Committee: Professors Benson and Yost; Associate Professors Kropf (Chairman), Leadbetter* and Silver*

A student may receive the A.B. degree from Amherst with an interdepartmental major in biophysics. This program is designed for a few capable students who either wish the breadth of experience this program provides or who wish to prepare for graduate study in this field. The course of study is organized around those course offerings of the various science departments whose disciplines are fundamental to work in biophysics.

Major Program. It should be noted that some of the introductory departmental courses are not explicitly listed, since it will be assumed that they either will have been satisfied upon admission or will be taken as requisites for the courses listed. Requirements: Biology: 21 and 23 (formerly 27 and 41); Chemistry: 31, 43, 44, 47, 48; Mathematics: 12, 21 and H23; Physics: 13, 14, H21 and 26 or 27 (formerly 51 or 52). Substitutions or omissions may be made in certain cases with the advice and approval of the chairman. Problems of Inquiry 3 is not required of biophysics majors.

It is important that a prospective biophysics major consult with the chairman of the advisory committee early in his academic career in order to determine his course selections and prospective seminar and honors work.

Honors Program. Candidates for the degree with honors should elect Biophysics 77 and 78 in addition to the above program. An honors candidate may choose to do his senior honors work with any faculty member from any of the various science departments who is interested in this program and willing to direct relevant thesis work. The comprehensive examination will be administered by members of the advisory committee.

77, D78. Biophysics Honors. The work consists of a seminar dealing with problems of current interest in biophysics and the preparation of a thesis based upon an individual investigation under the direction of a faculty member. Full course first semester. Double course second semester.

The Committee.

97, H97, 98, H98. Special Topics. Independent Reading. Full or half course. First and second semesters.

*On leave 1966-67.

CHEMISTRY

Professors Beebe (emeritus) and Whitney; Associate Professors Kropf, Langford and Silver;* Assistant Professors Fink, Moncrief, Nash and Sargent

Major Program. A student considering a major in chemistry should seek the advice of a member of the Department as early as possible, preferably during his freshman year. This will help the student elect a program which best fits his interests and abilities and which makes full use of his previous preparation. Programs can be arranged for students considering careers in chemistry, chemical physics, biochemistry, biophysical chemistry, medical research, medicine, and secondary school science teaching.

The minimum requirements for a major in chemistry are Chemistry 31 or 31s, 32, 43, 44, 47, 48, Mathematics 12 and Physics 14. (Students in the classes of 1967-1969 can satisfy the mathematics and physics requirements with Mathematics 3 and Physics 23 or 24.) Chemistry majors should omit Problems of Inquiry 3, and should take Mathematics 11 and Physics 13 in the freshman year.

Honors Program. A candidate for the degree with honors must also elect Chemistry 61, 77, 78 and a Special Topics course in chemistry. Normally an honors candidate will complete the courses required of a major by the end of the junior year. It is highly desirable that an honors candidate, especially if his field of interest is physical chemistry, elect Mathematics 21 and one or more additional semesters of physics and mathematics beyond those required. Honors candidates will attend the chemistry seminar during their junior and senior years, participating in it actively in the senior year. At this seminar, discussions of topics of current interest will be conducted by staff members, visitors and students.

The honors program described above assumes that the student will have completed physical chemistry and organic chemistry by the end of his junior year, and this program is most desirable for those planning to go on to graduate study in chemistry. The honors candidate who for some reason is unable to complete the sequence Chemistry 43, 44, 47, 48 by the end of his junior year may, with the permission of the department, defer either organic chemistry or physical chemistry until his senior year and substitute suitable biology or physics courses for the Chemistry 61 and part of the special topics requirement. These exceptions and the nature of the substituted courses will be granted on an individual basis in consultation with members of the department.

In the senior year an individual thesis problem will be selected by the honors candidate in conference with some member of the Department. Current areas of research in the department are: chemistry at surfaces of bone and other adsorbents, gas-solid chromatography, chemistry of the visual

*On leave 1966-67.

process, mechanism of organic reactions, enzyme catalyzed processes, structure and reactivity of coordination compounds, nuclear chemistry, chemistry of atomic and molecular beam interactions, mechanisms of energy transfer in the gas phase, X-ray crystallography and theoretical chemistry.

Each candidate will submit a thesis based upon his research work. Recommendations for the various levels of honors will be made by the Department on the basis of the thesis work and the comprehensive examination.

For a student planning graduate work in chemistry, honors and a reading knowledge of German and/or Russian are desirable. The minimum standards of the American Chemical Society may be met by electing the full program and taking German.

Distribution Sequences. A student wishing to satisfy his science distribution in chemistry may choose from the group of courses Chemistry 11, 31, 32 at least one to satisfy a two-course sequence and at least two to satisfy a three-course sequence. The other available courses to complete the sequence are Physics 13 or a course for which Physics 13 is a prerequisite, Biology 14 and 21.

Unless otherwise specified, all courses are open to freshmen.

11. The Architecture of Matter. The course treats basic topics in structural chemistry including atomic-molecular theory, the structural theory of organic chemistry, the ionic theory, the periodic law, and the origins of the electronic theory of valence. Four class hours and three hours laboratory per week.

First semester. Professors Langford, Kropf and Nash.

31. Elementary Chemical Thermodynamics. A systematic treatment of the laws of thermodynamics with emphasis upon their usefulness in describing chemical systems at equilibrium. There will be some discussion of the relationship between the laws of thermodynamics and the molecular basis of matter. Laboratory work will illustrate the principles discussed in class as well as providing the student with experience in quantitative technique. Chemistry 31 and 32 constitute a full-year program providing a general introduction to chemistry. Three hours lecture, one hour of recitation and four hours of laboratory per week.

Requisite: Physics 13 or the equivalent; Chemistry 11 or a good high-school preparation in chemistry; Mathematics 11 or its equivalent. Elective for Freshmen with the consent of the instructor. First semester. Professors Kropf and Moncrief.

31s. Elementary Chemical Thermodynamics. Same description as Chemistry 31.

Elective for Freshmen with the consent of the instructor. Second semester. Professors Kropf and Moncrief.

32. Inorganic Chemistry. Topics covered include introductory atomic theory, the periodic law, electrolyte solutions, electrochemical cells and the chemis-

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try of selected metals, and some topics in non-metal chemistry. The laboratory includes problems in synthetic and analytical chemistry. Three hours lecture, one hour recitation, and four hours laboratory per week.

Requisite: Chemistry 31 or 31s. Second semester. Professor Langford.

43. Organic Chemistry. General theory of organic chemistry, preparation of typical organic compounds, and introduction to organic qualitative analysis. Three hours classroom and four hours laboratory work per week.

Requisite: Chemistry 31 or 31s with a grade of 65 or over. First semester. Professor Sargent.

44. Organic Chemistry. A continuation of Chemistry 43.

Requisite: Chemistry 43. Second semester. Professors Sargent and Whitney.

47. Modern Physical Chemistry. Elementary quantum mechanics and statistical thermodynamics of atomic and molecular systems, modern chemical kinetics. Topics include atomic structure, molecules and the chemical bond, thermodynamic functions of ensembles of localized and non-localized systems, and the statistical treatment of reaction rates. The laboratory includes the quantitative study of spectra of atoms and molecules, of electrical and magnetic properties of organic and inorganic compounds, and of the kinetics of chemical reactions. Three hours of lecture and discussion, four hours of laboratory per week.

Requisite: Chemistry 31, Physics 14 and Mathematics 12. Chemistry 32 and Mathematics 21 are highly recommended. First semester. Professor Fink.

48. Modern Physical Chemistry. A continuation of Chemistry 47.

Requisite: Chemistry 47. Second semester. Professor Fink.

61. Principles of Chemical Instrumentation.

The instrumental solution of problems encountered in analyses of chemical systems will be discussed. Modern instrumental methods will be studied together with their theory of operation. Significant design features of representative apparatus will be examined enabling generalized research principles to be realized. Two lecture and two laboratory periods per week.

Co-requisite: Chemistry 47. Elective for Seniors. First semester. Professor Moncrief.

77. Honors Course.

Elective for Senior honors candidates, and for others with the consent of the Department. First semester. The Department.

78. Honors Course.

Elective for Senior honors candidates, and for others with the consent of the Department. Second semester. The Department.

97, H97. **Special Topics.** A full or half course.

First semester. Consent of the Department is required. The Department.

98, H98. **Special Topics.** A full or half course.

Second semester. Consent of the Department is required. The Department.

CLASSICS

Professor J. Moore;* Assistant Professors Marshall, Lawall, and Simpson

Major Program. All courses offered by the Department may be counted toward the major except those numbered 1, 1s, and 3; but of Greek 11 or 12 only one may be counted, and only then if both have been elected. Latin 15-16 will normally be introductory to higher courses in Latin, and Greek 15-16 will serve the same function in Greek. A major may be entirely in Greek or entirely in Latin and will then consist of eight semester courses, two of which may be in related fields. A major in Classics will consist of eight semester courses in the Classics, which may be divided in any proportion between Greek and Latin, except that not less than two may be taken in either language. Every *rite* student majoring in the Classics Department, whether in Classics, Greek, or Latin, will write a comprehensive examination in the spring of his senior year. This examination will in general resemble the honors examination described below, except that of course there will be no questions specifically on the candidate's honors work.

Honors Program. Honors may be awarded to those candidates who major in Greek or in Latin or in Classics and who take eight semester courses in the Department. Every honors candidate must include in his program those courses numbered 41, 42, 77 and 78 in either Greek or Latin. He must submit a long essay (6000-7000 words) on some topic connected with his honors work and approved by the Department. He must have read extensively in Greek or Latin literature or both. He must also read independently, i.e., not as a part of the work in a course, approximately 50 pages of some Greek or Latin text selected with the approval of the Department. Early in May he will be given a written examination covering: (a) his honors work; (b) his reading in the classical literatures. The emphasis in this examination will be on the literary and historical interpretation of major authors; there will be considerable latitude of choice between various optional questions. The award of honors will be determined by the quality of the candidate's course work, of his essay, and of his performance in the general examination.

The Department will cooperate with other departments in giving combined majors with honors.

*On leave 1966-67.

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Distribution Sequences. The following courses may be offered in satisfaction of the distribution requirement: Latin 15, 16, 27, 41, 42; Greek 12 if Greek 11 has also been elected, and *vice versa*; Greek 15, 16, 41, 42; Classics 23, 24, 26. But members of the class of 1969 who elected Latin 5 or 6 or Greek 3, 4, 5, or 6 as freshmen may not count these courses in satisfaction of the requirement.

The statement of requisites given below is intended only to indicate the degree of preparation necessary for each course, and exceptions will be made in special cases.

For students beginning the study of Greek the following sequences of courses are normal: Either 1, 12, 11, or 1s, 11, 12.

Greek

1. Introduction to the Greek Language. Attic Greek. Four hours of classroom work per week. This course is normally followed by Greek 12.

Elective for Freshmen. First semester. Professor Marshall.

1s. Introduction to the Greek Language. Homeric Greek. Four hours of classroom work per week. This course is normally followed by Greek 11.

Elective for Freshmen with the consent of the instructor. Second semester. Professor Simpson.

11. The Iliad. Four hours of classroom work per week. Formerly Greek 3.

Requisite: Greek 1s or 12. Elective for Freshmen. First semester. Professor Simpson.

12. Plato's Apology. Four hours of classroom work per week. Formerly Greek 4.

Requisite: Greek 1 or 11. Elective for Freshmen. Second semester. Professor Lawall.

15. Greek Tragedy. One or two tragedies will be read. Three one-hour class meetings per week. Formerly Greek 5.

Requisite: Greek 12 or its equivalent. Elective for Freshmen. First semester. Professor Lawall.

16. Readings from the Odyssey and from the Lyric Poets. Three one-hour class meetings per week. Formerly Greek 6.

Requisite: Greek 15 or its equivalent. Elective for Freshmen. Second semester. Professor Simpson.

H21s. Greek Prose Composition and Style. This course is designed to strengthen and refine the student's mastery of the Greek language. There will be two principal types of exercise, viz.: (a) translation of English passages into Greek and original composition in Greek; and (b) close scrutiny

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of selected passages of classic Greek prose. One hour of classroom work per week. A half course.

Elective for Sophomores. Second semester. Professor Simpson.

41, 42. Advanced Readings in Greek Literature. The authors read in these courses vary from year to year, the selection being made according to the interests and needs of the students. Examples: Plato's *Republic*; lyric poetry, including Pindar and Bacchylides; Demosthenes and Thucydides; Aeschylus' *Oresteia*; the writers of the Archaic Period. Two hours of classroom work per week.

Prerequisite: Greek 15 or 16. Seminar course elective for Juniors. First and second semesters. Professors Simpson and Lawall.

77, D78. Senior Honors Course. Greek 78 is a double course.

First and second semesters.

97, 98. Special Topics.

First and second semesters. Members of the Department.

Latin

1s. Introductory Course. A rapid introduction to the Latin language. Three one-hour meetings per week.

Elective for Freshmen with the consent of the instructor. Second semester. Omitted 1966-67.

3. Intermediate Course. Review of Latin grammar; selections from Latin prose and poetry. Four one-hour class meetings per week.

Requisite: Latin 1s, or two or three entrance units in Latin. Elective for Freshmen. First semester. Professor Lawall.

15. Cicero's *Pro Caelio*; Selections from Catullus. Attention will be given to Cicero and Catullus as literary artists and as interpreters of the society of the late Republic. Three one-hour class meetings per week. Formerly Latin 5.

Elective for Freshmen. First semester. Professor Marshall.

16. Virgil's *Eclogues* and Horace's *Odes*. Three one-hour class meetings per week. Formerly Latin 6.

Requisite: Latin 15, or four entrance units in Latin. Elective for Freshmen. Second semester. Professor Marshall.

H21s. Latin Prose Composition and Style. A course designed to strengthen and refine the student's mastery of the Latin language. There will be two principal types of exercise, viz.: (a) translation of English passages into Latin and composition in Latin; and (b) close scrutiny of selected passages of classic Latin prose. One hour of classroom work per week. A half course.

Elective for Sophomores. Second semester. Omitted 1966-67.

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H27. Latin Poetry: Lyric and Pastoral. Intended for students of literature who wish to acquire some knowledge of the influence of Latin poetry on the English literary tradition. Poems of Catullus, Horace, and Virgil will be read and interpreted from a literary point of view, and attention will be paid to similar poems in English. Students must have some knowledge of Latin and some familiarity with poetry. Two hours of classroom work per week. A half course.

Elective for Sophomores with the consent of the instructor. Limited to fifteen students. First semester. Professor Marshall.

41, 42. Advanced Readings in Latin Literature. The authors read in these courses vary from year to year, the selection being made according to the interests and needs of the students. Examples: Livy and Tacitus; Roman Satire; Roman Comedy; Propertius and Tibullus; Cicero's philosophical works. Two hours of classroom work per week. Seminar course.

Requisite: Latin 15 or 16 or the consent of the instructor. Elective for Juniors. First and second semesters. Professors Lawall and Marshall.

77, D78. Senior Honors Course. Latin 78 is a double course.

First and second semesters.

97, 98. Special Topics.

First and second semesters. The Department.

Classics

23. Classical Civilization. A study of the civilization of Greece from Homer to Alexander and its contribution to the civilization of the West. Readings from Greek literature will be included among the materials of the course. No knowledge of the ancient languages is required. Three hours of classroom work per week.

Elective for Sophomores. First semester. Professor Simpson.

24. Classical Civilization. A study of Roman civilization and its contribution to the civilization of the West. Readings from Latin literature will be included among the materials of the course. No knowledge of the ancient languages is required. Three hours of classroom work per week.

Elective for Sophomores. Second semester. Professor Marshall.

26. Ancient Epic Poetry in Translation. A study of the ancient epic tradition. The authors read will include Homer, Hesiod, Apollonius, Lucretius, Virgil, Ovid, and Lucan. No knowledge of Greek or Latin necessary. Three hours of classroom work per week.

Elective for Sophomores. Second semester. Professor Lawall.

DRAMATIC ARTS

Professors Boughton, Johnston, McGoun and Rogers;* Assistant Professor Girsch

Major Program. Rite majors must complete Dramatic Arts 11, 21, 22, 31, 32, 51, 52 and must either repeat 51 or 52 or elect one of the following courses: English 31, 32, 71; Fine Arts 11, 11s, 15, H17; French 27, 28, 35; Music 45; German H34; Spanish 21.

Honors Program. Honors candidates majoring in Dramatic Arts must complete Dramatic Arts 11, 21, 22, 31, 32, 77, 78 and either 51 or 52. Honors projects may be developed in consultation with members of the department.

Distribution Sequences. The two-course sequence will be Dramatic Arts 11 (or 11s) and either Dramatic Arts 21 or 22. The three-course sequence will be Dramatic Arts 11 (or 11s) and either Dramatic Arts 21-22 or Dramatic Arts 31-32.

11. Introduction to the Theater Arts. A consideration of the materials of creative expression in drama; an appreciation of the playwright's work and how his script is brought to fruition in production. Four hours of classroom work per week.

Elective for Freshmen. First semester. Professors Boughton and McGoun.

11s. Introduction to the Theater Arts. Same as Dramatic Arts 11.

Elective for Freshmen. Second semester. Professors Boughton and McGoun.

21. Backgrounds of the Modern Drama. The origins and development of the drama from the Greeks to the 19th century. Four hours of classroom work per week.

Requisite: Dramatic Arts 11 or 11s. Elective for Sophomores. First semester. Omitted 1966-67.

22. Modern Drama. Nineteenth century to the present. Four hours of classroom work per week.

Requisite: Dramatic Arts 11 or 11s. Elective for Freshmen. Second semester. Professor Johnston.

31. Principles of Dramatic Production. A study of directing, acting, scene design and stage lighting considered as instruments of dramatic interpretation. Four hours classroom work per week.

Requisite: Dramatic Arts 11 or 11s. Elective for Sophomores. First semester. Professors Boughton and McGoun.

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32. Principles of Dramatic Production. Continuation of Dramatic Arts 31, culminating in public performance of productions planned and executed by the students in the course. Four hours of classroom work per week.

Requisite: Dramatic Arts 31. Elective for Sophomores. Second semester. Professors Boughton and McGoun.

42. Art of the Film. History of the development of film art by viewing and analysis of significant films from the beginning to the present day, with emphasis on the development of film syntax and the forming of a critical vocabulary. Approximately four hours of classroom work per week: two in film showings and two in a lecture-discussion period.

Elective for Sophomores. Limited to twenty students. Second semester. Professor Girsch.

51. Advanced Study. Advanced work in one of the following fields of dramatic arts: directing, scene design, stage lighting, dramatic literature. Classroom meetings, reports and conferences, projects.

Elective for students who have completed a three-course sequence in dramatic arts. This course, and/or Dramatic Arts 52 may be repeated with the consent of the Department. First semester. The Staff.

52. Advanced Study. Continuation of Dramatic Arts 51.

Elective for students who have completed a three-course sequence in dramatic arts. Second semester. The Staff.

77. Conference Course. Conference course for students majoring in dramatic arts. Selected topics of study.

Required of candidates for honors. Elective for Seniors with the consent of the Department. First semester. The Staff.

78. Conference Course. Continuation of Dramatic Arts 77.

Required of candidates for honors. Elective for Seniors with the consent of the Department. Second semester. The Staff.

ECONOMICS

Professors Aitken, Collery, Nelson,* and Warne; Associate Professors Beals and Köhler; Assistant Professors Chalmers, S. Liem, and Throop; Mrs. M. Liem

Major Program. All students majoring in economics must take Economics 11, 12, 13, 45 (or other preparation in statistics with the consent of the Department), and Mathematics 11 and 12. In addition, rite students must take Economics 73, 74, and at least one other course in economics, while honor students must take Economics 77, 78, and at least one other course in economics.

Students majoring in economics may elect Problems of Inquiry 2.

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Each candidate for a degree in economics will have to pass a comprehensive examination by the end of his senior year. The examination will be given in early January. The student will also be examined in May on the content of his thesis.

Distribution Sequences. A two-course distribution sequence in economics will consist of Economics 11 and Economics 12 or 13. A three-course distribution sequence will consist of a two-course sequence plus any other course.

Unless otherwise specified, all courses are open to freshmen.

11. An Introduction to Economics. A study of the central functions and problems of an economic system, of the principles and practices of our economy, and of other forms of economic organization and control. One lecture and three hours of discussion each week. Formerly Economics 21.

Requisite for all other courses in economics. First semester. Professors Beals, Chalmers, Collery, Köhler (Course Chairman), S. Liem, and Throop; Mrs. M. Liem.

11s. An Introduction to Economics. Same description as above.

Second semester. Professors Beals, Collery (Course Chairman), S. Liem, and Throop.

12. The American Economy. An examination of the structure and operation of the economic system of the United States, with particular emphasis upon the different types of markets and industrial structures, the role and behavior of the price mechanism, the evolution of public policies, and selected current economic issues. Two lectures and two hours of discussion each week. Formerly Economics 24.

Requisite: Economics 11. Second semester. Professor Throop.

13. Money, Banking, and National Income. A study of money and finance and their relation to the functioning of an economic system. An introduction to the theory of income determination with an indication of the role that money and finance play in the determination of employment, production, and prices. Two lectures and two hours of discussion each week. Formerly Economics 43.

Requisite: Economics 11 and Mathematics 11. First semester. Professor Collery.

21. Labor Economics. A survey of the position of labor in our modern economy and of the development and status of labor legislation and social security measures. One two-hour seminar each week. Formerly Economics 42.

Requisite: Economics 11. First semester. Professor Warne.

23. Comparative Economic Systems. A study and comparison of the principal types of economics systems with special emphasis upon the position of labor in each. One two-hour seminar each week. Formerly Economics 41.

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Requisite: Economics 11. First semester. Omitted 1966-67. Professor Warne.

26. Consumer Economics. A historical study of the consumer in economic theory and practice. One two-hour seminar each week.

Requisite: Economics 11. Second semester. Professor Warne.

27. European Economic History. An examination of the economic development of Europe from feudal times to the present day with emphasis on the evolution of industrialism. Four hours of classroom work per week. Formerly Economics 63.

Requisite: Economics 11. Elective for non-majors with the consent of the Department. First semester. Professor Aitken.

28. American Economic History. A study of the economic development of the United States from colonial times to the present day. Four hours of classroom work per week. Formerly Economics 64.

Requisite: Economics 11. Elective for non-majors with the consent of the Department. Second semester. Professor Aitken.

32. Comparative Economic History. Comparative analysis of the historical development of a number of national economies, with particular reference to changes in economic structure and productivity. One two-hour seminar each week. Formerly Economics 68.

Requisites: Economics 11 and either Economics 27 or 28. Limited to 15 students. Second semester. Professor Aitken.

33. Monopoly Regulation. The theory of monopoly pricing and of price discrimination; objectives and methods of public control of prices, profits, and service by public utilities and transportation agencies. Three hours of classroom work per week. Formerly Economics 51.

Requisite: Economics 11. First semester. Omitted 1966-67. Professor Throop.

34. Public Finance and Business Cycles. An analysis of the nature and causes of business fluctuations and of their economic and social effects. A study of taxing, spending and debt policies of government units and their relationship to both business fluctuations and long-run behavior of the economic system. Four class hours per week. Formerly Economics 44.

Requisite: Economics 11. Second semester. Professor Chalmers.

35. International Trade and Payments. A study of the economic relationships among countries with special emphasis on theoretical analysis: the balance of payments and the foreign exchange market including price and income effects in the balance of payments adjustment process; the theory of international trade; policy problems of trade restrictions, external vs. internal balance and international monetary cooperation. Formerly Economics 53.

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Requisite: Economics 11 and Mathematics 11. First semester. Professor Köhler.

36. Economic Development. An examination into the problems of economic growth with particular reference to less developed countries; the interaction of economic and noneconomic factors, population growth and the labor force, capital requirements, market development, foreign investment and aid, and the role of government. Case materials from selected Asian, African, and Latin American countries will be used. Formerly Economics 54.

Requisite: Economics 11. Second semester. Professor Liem.

38. The Economics of Socialism. A study of the theory and practice of planned economies with particular reference to the Soviet Union. Formerly Economics 66.

Requisite: Economics 11. Second semester. Professor Köhler.

42. The Theory of Price. An introduction to the theory of utility and demand; the nature of cost and the production function; diminishing returns and short-run cost curves; returns to scale and long-run cost curves; competitive pricing; the pricing of productive services; the theory of monopoly; the theory of oligopoly; cartels and unions; the distribution of income; general equilibrium. Three meetings per week. Formerly Economics 70.

Requisite: Economics 11. Second semester. Professor Chalmers.

45. Economic Statistics. A study of the analysis of quantitative data, with special emphasis on the application of statistical methods to economic problems. Four class hours per week.

Requisites: Economics 11 and Mathematics 11 and 12. First semester. Professor Beals.

46. Introduction to Mathematical Economics and Econometrics. An introduction to some areas of mathematical economics, such as input-output analysis, linear programming, and dynamic analysis; and to problems of econometric model construction and estimation. Emphasis is placed on the economic content of the methods. Formerly Economics 55.

Requisites: Economics 45. Second semester. Professor Beals.

73. Senior Rite Seminar. Required of senior rite majors in economics. First semester.

D74. Senior Rite Seminar. Preparation of a thesis on a topic approved by the Department. A double course.

Required of all seniors majoring in economics who are not candidates for Honors. Second semester.

77. Economics Honors.

Required of all seniors majoring in economics who are candidates for Honors. First semester.

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D78. Economics Honors. Preparation of a thesis on a topic approved by the Department. A double course.

Required of all seniors majoring in economics who are candidates for Honors. Second semester.

97, H97. Special Topics. Independent Reading Course. A full course or a half course. First semester.

98, H98. Special Topics. Independent Reading Course. A full course or a half course. Second semester.

EDUCATION

Professor Kennedy;* Associate Professors Grose and Hawkins; Assistant Professor Olver

The following courses offered by the several departments are listed for the convenience of students who are interested in education and teaching.

Philosophy of Education. Same course as Philosophy 23.

Elective for Sophomores. First semester. Omitted in 1966-67. Professor Kennedy.

Developmental Psychology. Same course as Psychology 27.

Requisite: Psychology 11. Elective for Sophomores with the consent of the instructor. Limited to fifteen students. First semester. Professor Olver.

Educational Psychology. Same course as Psychology 34.

Requisite: Psychology 11. Elective for Sophomores with the consent of the instructor. Limited to fifteen students. Second semester. Professor Grose.

Seminar in American Educational History. Same course as History 66.

Limited to fifteen students. Second semester. Professor Hawkins.

ENGLISH

Professors Baird, Craig, DeMott, Koehler, Marx, and McKeon;* Associate Professors Cameron, Cody, Guttmann, Heath and Pritchard; Assistant Professors Chickering, Girsch, and Townsend;* Messrs. Billings and Sofield†

Major Program. The student majoring in English must elect English 11, English 12, and eight other semester courses (exclusive of advanced composition and creative writing courses) offered or approved by the English Department. He must also pass a comprehensive examination in English that

*On leave 1966-67.

†On leave second semester 1966-67.

is given in January of the senior year. He should plan his program carefully in consultation with his departmental advisor, taking into account both his own particular interests and needs and the comprehensive examination requirements.

The comprehensive examination in English will be six hours long and consist of two parts: (1) Questions on the literature of each of four periods, English literature before 1616, English literature from 1616–1832, English literature from 1832 to the present, and American literature; (2) Questions testing the student's ability to date and to characterize with respect to their periods a number of passages in both verse and prose.

In one way the comprehensive examination will be factual, objective, informational. Its purpose is to promote those regular habits of study through which the student of literature as a matter of course acquaints himself with authors' names and dates, exact titles and dates of major works, the common varieties of verse, major literary forms, and other such matters of fact. In another way the examination will test the student's awareness of the historical development of English and American literature. A reading list is available as an aid to students preparing for the comprehensive examination.

The examination as a whole will ascertain whether students of American and English literature know, in the simplest and most obvious terms, where they have been and what they have been reading in their preceding semesters of study.

Honors Program. Exactly as above, except that candidates for honors must also elect, in their senior year, English 77–78.

Distribution Sequences. The student may satisfy a distributional requirement in the English Department by electing English 11 or English 12 and any one or two other courses in the Department (exclusive of advanced composition and creative writing courses), or by proposing some other sequence and securing approval of it from a member of the Department.

11. Writing. An introduction to the literary discipline through a study of composition. Three hours of classroom work per week.

Elective for Freshmen. First semester. Professor Craig (Chairman), and members of the Department.

12. Reading. The aim of the course is to increase consciousness of the foundations of individual taste. Papers are frequent; materials for assessment are drawn from various media at various cultural levels. Three hours of classroom work per week.

Elective for Freshmen. Second semester. Professor DeMott (Chairman), and members of the Department.

21. Advanced Composition. A course in disciplined writing, both verse and prose. Students are expected to work independently without specific assign-

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ments. Class discussions of manuscripts and frequent conferences with the instructor. One two-hour meeting per week. Formerly English 23.

Elective for Sophomores with the consent of the instructor. Limited to fifteen students. First semester. Professor Koehler.

22. Advanced Composition. A continuation of English 21. One two-hour meeting per week. Formerly English 24.

Elective for Sophomores with the consent of the instructor. Limited to fifteen students. Second semester. Professor Koehler.

H23. Creative Writing. An advanced course in disciplined writing, both verse and prose. Students work independently without specific assignments. Fortnightly individual conferences with instructor. Continuation of English 21–22. Formerly English 73. A half course.

Requisite: English 21–22 and the consent of the instructor. Elective for Juniors. Limited to five students. First semester. Professor MacLeish.

H24. Creative Writing. Continuation of English 23. Formerly English 74. A half course.

Requisite: English 23 and the consent of the instructor. Elective for Juniors. Limited to five students. Second semester. Professor MacLeish.

27. Readings in Medieval Literature. Selected prose and poetry, usually English or in translation. The readings will vary from year to year. Examples: Middle English writers other than Chaucer; satire and lyric in the fifteenth century; Arthurian romances; Old English poetry and prose. Three hours of classroom work per week.

Elective for Sophomores. First semester. Professor Chickering.

28. Chaucer. A study of Chaucer's major works in the original. Three hours of classroom work per week. Formerly English 49.

Elective for Sophomores (and Freshmen with the consent of the instructor). Second semester. Professor Chickering.

30. Readings in Renaissance Literature. Selected English writings from More to Dryden studied in relation to European art and letters. One two-hour meeting per week.

Elective for Juniors. Seminar course limited to fifteen students, admission with the consent of the instructor. Second semester. Professor Cody.

31. Shakespeare. A reading of the plays in a chronological order. Emphasis on Shakespeare's development as dramatist and poet. Three hours of classroom work per week. Formerly English 25.

Requisite: a grade of B in a previous English course. Elective for Sophomores. First semester. Professor Baird.

32. Shakespeare. A continuation of English 31. Three hours of classroom work per week. Formerly English 26.

Requisite: English 31. Elective for Sophomores. Second semester. Professor Baird.

33. Sixteenth Century Literature. Poetry and doctrine; mythology and style; revenge tragedy; comedy; Wyatt, Spenser, Sidney, Raleigh, Kyd, Marlowe, Jonson; some Renaissance humanist writings in translation. Three hours of classroom work per week. Formerly English 41.

Elective for Sophomores (and Freshmen with permission of the instructor). First semester. Professor Cody.

34. Seventeenth Century Literature. Poetry and society; Christianity and style; Jacobean drama; the heroic: Jonson, Donne and their schools; Webster; Milton, Marvell, Dryden; some prose, e.g. Bacon and Hobbes. Three hours of classroom work per week. Formerly English 42.

Elective for Sophomores. Second semester. Professor Cody.

36. Literature and Society, 1660–1740. A study of the prose, poetry and drama of the Restoration and earlier eighteenth century. Principal authors will include Dryden, Swift and Pope; attention will be paid to lesser figures. Three hours of classroom work per week. Formerly English 53.

Elective for Sophomores (and Freshmen with permission of the instructor). Second semester. Professor Heath.

41. Readings in Nineteenth Century Literature. Readings of selected major authors in relation to some documents of intellectual and social history. The subject for 1966–67 is autobiography and the novel. One two-hour meeting per week. Formerly English 68.

Elective for Juniors. Limited to fifteen students. First semester. Professor Craig.

43. Readings in Romantic Poetry. A study of selected major poets from Blake to Byron, with attention to the relevance of biographical knowledge. Three hours of classroom work per week. Formerly English 57.

Elective for Sophomores. First semester. Professor Heath.

47. The Nineteenth Century English Novel. A study of representative English novels, mainly of the nineteenth century. The emphasis is upon a critical reading of individual works but some attention is paid to historical and biographical contexts. The novels and novelists read vary from year to year. Three hours of classroom work per week. Formerly English 45.

Elective for Sophomores (or Freshmen with consent of the instructor). First semester. Professor Cameron.

49. Readings in Nineteenth Century Continental Fiction. Stendhal, Flaubert, Zola, Turgenev, Tolstoy, and Dostoevski are among the authors studied. Three hours of classroom work per week. Formerly English 55.

Elective for Sophomores. First semester. Omitted 1966–67. Professor DeMott.

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50f. Readings in Twentieth Century Continental Fiction. Principal authors are Kafka, Mann, Proust, Gide, Silone and Camus; some attention will be given to contemporary novelists. Three hours of classroom work per week.

Elective for Sophomores. First semester. Professor DeMott.

53. Modern Poetry. A study of the poetry and relevant critical writings of Yeats, Pound, Eliot, Frost and Wallace Stevens. Some attention will be given to contemporary poets. Three hours of classroom work per week. Formerly English 52.

Elective for Sophomores. First semester. Professor Pritchard.

54. Readings in Modern Fiction. A study of some novels written in the twentieth century and a consideration of the novelist's position in modern society. Three hours of classroom work per week. Formerly English 62.

Elective for Sophomores. Second semester. Professor Craig.

60. Readings in American Literature. An intensive study of one or more major American writers; the particular writers will vary from year to year. Prerequisite: at least two semester courses in American literature. In some instances a specific course may be required as an additional prerequisite. One two-hour meeting per week. Formerly English 65.

Seminar course limited to fifteen students, admission with consent of the instructor. Elective for Juniors. Second semester. Professor Marx.

61. American Literature I. A survey of American literature from the seventeenth century to the early nineteenth century with emphasis on the interplay between the general culture and the work of major writers, including Taylor, Edwards, Franklin, Poe, Emerson, Thoreau, and Whitman. Three hours of classroom work per week.

Elective for Sophomores. Students other than English or American Studies majors require permission of the instructor. First semester. Professor Marx.

62. American Literature II. A continuation of English 61 to the early twentieth century, including the work of Hawthorne, Melville, Dickinson, James, Crane, and Dreiser. Three hours of classroom work per week.

Prerequisite: English 61. Elective for Sophomores. Second semester. Professor Guttman.

63. American Literature III. A continuation of English 62 to the present, including the work of Frost, Eliot, Fitzgerald, O'Neill, Hemingway, Dos Passos, Stevens, and Faulkner. Three hours of classroom work per week.

Prerequisite: English 62. Elective for Sophomores. First semester. Professor Marx.

English 61, 62, and 63 formerly offered in two semesters as English 43-44.

72. Comedy. Plays by Shakespeare, Molière, Congreve, Chekhov, Ibsen, Shaw, Sartre, Ionesco, and Beckett are read in this course. Three hours of classroom work per week. Formerly English 56.

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Elective for Sophomores (and Freshmen with the consent of the instructor). Second semester. Professor DeMott.

74. Topics in the Novel. The topics will vary from year to year. For 1966-67 the topic will be: the fiction of Fielding, Dickens, and Joyce. Representative novels of each novelist will be studied with attention to the social context and to the relevance of the epic tradition. Two meetings of one and one half hours each per week.

Elective for Juniors. Limited to twenty-five students. Second semester. Professor Cameron.

76. An Introduction to Literary Studies. A study of the characteristics of literary knowledge as illustrated in the theory and practice of selected major critics and scholars. Three classroom hours per week. Formerly English 70.

Elective for Juniors. Others require permission of the instructor. Second semester. Omitted 1966-67. Professor Townsend.

77. Senior Tutorial. Weekly meetings with a tutor assigned by the Department. Open to senior English majors whose college average is 80 or above. First semester. The Department.

D78. Honors Tutorial. Weekly meetings with a tutor assigned by the Department.

Prerequisite: English 77. Second semester. The Department.

97. Special Topics. Independent Reading Course.
First semester.

98. Special Topics. Independent Reading Course.
Second semester.

FINE ARTS

Professors C. Morgan,* Rogers,* Trapp; Associate Professor Schmalz; Assistant Professor Maddox; Mr. Westfall

Major Program. A major in fine arts consists of eight full courses in fine arts, one of which must be taken in studio work (see below), and a comprehensive examination. Additional work in studio beyond the 15 level may also count towards fulfillment of the majors requirements. A rite major may by departmental permission elect a 77-78 program of individual work as a senior.

Honors Program. Honors in fine arts shall consist of eight full courses in fine arts, one of which must be taken in studio work (see below), plus Fine Arts 77-78, and a comprehensive examination. Normally, as a minimum,

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either Fine Arts 47 or Fine Arts 48 will be included in the student's elections within the Department. Note: A certain amount of work at the neighboring institutions is acceptable, at the discretion of the Department, for fulfillment of the major program.

Distribution Sequences.

a. Two-course sequences: Fine Arts 11 or 11s plus one other course in art history; Fine Arts 15 plus one other course in studio.

b. Three-course sequences: Fine Arts 11 or 11s plus two other courses in art history; Fine Arts 15 plus two other courses in studio, one of which would normally be 23, 27, or 29.

11. Introduction to the History of Art. The development of the major arts from the earliest time to the present day, with a special emphasis on the manner in which they reflect the successive civilizations that produced them. Three hours of classroom work per week. Formerly Fine Arts 25.

Elective for Freshmen. First semester. Professor Schmalz.

11s. Introduction to the History of Art. Same description as Fine Arts 11. Three hours of classroom work per week. Formerly Fine Arts 25s.

Elective for Freshmen. Second semester. Professor Trapp.

15. Introductory Studio. A series of studio projects to introduce fundamental problems of description, organization, and artistic expression. These projects will relate to selected topics in art history, with the aim of correlating creative experience with history and criticism. Various drawing mediums and painting techniques will be introduced. One three-hour class period per week, plus outside reading and practice assignments. No prior studio experience is required or special talent expected. Formerly Fine Arts 26s.

Elective for Freshmen. First semester. Professor Maddox.

H17. Elementary Technique and Design. Design, composition and line and form drawing in pencil, charcoal, crayon, pen and ink, and chalk. One lecture and two two-hour laboratory periods per week. No previous training required. Formerly Fine Arts 23. A half course.

Elective for Freshmen. First semester. Omitted in 1966-67. Professor Rogers.

22. Basic Design. A series of problems in design to introduce the ideas of color, form, structure, texture and line, and their creative uses. In order to understand the fundamental need for man to design and decorate, emphasis will be placed on the occurrence of those qualities in all human artifacts. The work will be in both two and three dimensions and a variety of materials will be used. Two two-hour class periods per week.

Elective for Sophomores and Freshmen with the consent of the instructor. Second semester. Professor Maddox.

23. Advanced Drawing. Problems in drawing designed to extend and develop the student's knowledge and skill in the techniques and uses of drawing. Both descriptive and expressive approaches will be used in leading toward a personal method and style in drawing. Correlations between class-work and master drawings will be shown to give the student a sense of his relation to tradition. Two two-hour class periods per week. This course may be repeated.

Requisite: Fine Arts 15, H17, or permission of the instructor. Elective for Sophomores. First semester. Professor Maddox.

26f. Watercolor. Elementary color theory and technique of water-color painting. One lecture and two two-hour studio periods per week. Formerly Fine Arts 24.

Requisite: Fine Arts 15 or H17. First semester. Professor Schmalz.

27. Advanced Watercolor. Continuation of work in watercolor at a more advanced level. This course may be repeated.

Requisite: Fine Arts 15 or H17 and 26f. Elective for Sophomores. First semester. Omitted 1966-67. Professor Schmalz.

28. Oil Painting. A series of studio projects exploring a variety of techniques and forms of expression in oil painting. Relationship with master works will be considered where relevant, but the emphasis will increasingly stress the development of the student's individual powers of observation and interpretation. Two two-hour studio periods per week. Formerly Fine Arts 48.

Requisite: Fine Arts 15 or H17. Elective for Sophomores or Freshmen with the consent of the instructor. Second semester. Professor Maddox.

29. Advanced Oil Painting. Continuation of work in oil at a more advanced level. This course may be repeated.

Requisite: Fine Arts 15 or H17 and 28, or permission of the instructor. Elective for Sophomores. First semester. Omitted 1966-67.

30. Ancient Arts. A comparative study of the emergence, development and diffusion of artistic styles in the East and the West from pre-historic times to the early Christian era. Three hours of classroom work per week. Formerly Fine Arts 46.

Requisite: Fine Arts 11 or 11s, or permission of the instructor. Elective for Sophomores. Second semester. Mr. Westfall.

33. Renaissance Art. A selective examination of the form and content of European art from the early 15th to the end of the 16th centuries, with emphasis upon the major artists of Italy. Three hours of classroom per week. Formerly Fine Arts 43.

Requisite: Fine Arts 11 or 11s, or permission of the instructor. Elective for Sophomores. First semester. Mr. Westfall.

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34. Baroque and Rococo Art. A study of major figures and movements in European art of the 17th and 18th centuries. Three hours of classroom work per week. Formerly Fine Arts 50.

Requisite: Fine Arts 11 or 11s or permission of the instructor. Elective for Sophomores. Second semester. Professor Schmalz.

H36. Michelangelo and Rodin. A study of the artists, their works and their backgrounds. Two lectures a week and reading. Formerly Fine Arts 49s. A half course.

Elective for Sophomores. Second semester. Omitted in 1966-67. Professor C. Morgan.

37. The Origins of the Modern Movement. A selective examination of major figures and movements in the development of European painting from Neo-Classicism to Impressionism, with emphasis on problems in criticism. Three hours of classroom per week. Outside reading and written assignments. Formerly Fine Arts 55.

Requisite: Fine Arts 11 or 11s, or permission of the instructor. Elective for Sophomores. First semester. To alternate with Fine Arts 39. Professor Trapp.

38. American Art. American architecture, sculpture and painting in America from the 17th century to the present day. Three hours of classroom per week. Formerly Fine Arts 45s.

Elective for Sophomores. Second semester. Professor Trapp.

39. Modern Art. A selective examination of major figures and movements in the development of modern art from Post-Impressionism to the present, with emphasis upon problems in criticism. Three hours of classroom per week. Formerly Fine Arts 56s.

Requisite: Fine Arts 11 or 11s or permission of the instructor. Elective for Sophomores. First semester. To alternate with Fine Arts 37. Omitted in 1966-67. Professor Trapp.

47. Problems in Criticism and Connoisseurship. A study of original works of art, chiefly from the college collections, intended to sharpen visual perception, establish critical principles and clarify verbal judgments. Two two-hour meetings per week. Formerly Fine Arts 57.

Requisite: Fine Arts 11 or 11s plus one other course in art history, or consent of the instructor. Elective for Juniors. First semester. Mr. Westfall.

48. Topics in Art History. A critical examination of a variety of historical literature dealing with painting, sculpture and architecture. The chief aim of the course is to provide a deeper understanding of the methods, purpose and meaning of art history. Three hours of classroom per week. Formerly Fine Arts 58.

Requisite: Fine Arts 11 or 11s plus one other course in art history, or permission of the instructor. Elective for Juniors. Second semester. Mr. Westfall.

77, D77; 78, D78. Conference Course. Senior Honors. Preparation of an honors thesis or completion of a studio project.

The student shall with the consent of the Department elect to carry one semester of his honors work as a double course weighted in accordance with the demands of his particular project. Elective for seniors with the consent of the Department. First and second semesters.

97, H97, 98, H98. Special Studies for Student Majoring in Fine Arts.

Full or half course. First and second semesters. The Department.

FRENCH

Professors Carre, French and Turgeon; Associate Professor Giordanetti; Assistant Professors Archambault and Cottrell; Mr. Jung; and assistants.

Major Program. All rite majors must elect the equivalent of eight full courses including French 11 and 12, 7 or 8, 27 or 28. A maximum of four half courses can be included for credit in the elections. (Advanced placement may be accepted as a substitute for French 11 and/or 12 and will be allowed one full course credit toward the major. French 1 and 3 will not count toward the major for rite candidates).

Honors Program. All honors candidates must elect French 11 or 12 (Advanced Placement will be accepted as an equivalent), 8, 25, 27, 28, 30, 77, 78 and one additional full course or two half courses. In certain cases of demonstrated proficiency French 8 may be waived. French 1, 3, 5 will not count toward the major for honors candidates. This course program may, in exceptional cases, be adjusted. The comprehensive examination, required of all majors, is given in May of the senior year. In addition, candidates for departmental honors must present a thesis and sustain an oral examination on the thesis. A reading list will be furnished to aid in preparation for the examination.

Course programs for a joint major in French and Spanish, or French and Italian are arranged in consultation with the instructors in those languages.

Distribution Sequences. The following courses are recommended for distributional sequences in French: 7, 8; 11, 12; 12, 13; 12, 15; 27, 28; 11, 28; 11, 30; 13, 36; 15, 36; 15s, 35. Three-course distributional sequences may be arranged in consultation with the department.

1. Elementary Course. Grammar, pronunciation, oral practice. Three hours per week for explanation and demonstration, four hours per week in small sections and laboratory for oral practice.

Elective for Freshmen. First semester. Professor Turgeon and assistants.

3. Intermediate Course. Review of grammar and pronunciation; oral practice. Reading and analysis of selected texts. Three hours per week for ex-

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planation and demonstration, three hours per week in small sections and laboratory for drill in aural comprehension of the language.

Elective for Freshmen. First semester. Professor Cottrell, Mr. Jung and assistants.

3s. Intermediate Course. Same description as above.

Elective for Freshmen. Second semester. Professor Turgeon.

5. Advanced Course. The purpose of this course is to complete the student's training in fluent reading and in aural comprehension, and to work toward a control of the fundamentals of oral and written expression. Reading of significant fiction, plays, and essays from the modern period. Three hours per week in class and three hours per week in small sections and laboratory for oral and aural drill. Conducted in French.

Elective for Freshmen. First semester. Professors Archambault and Carre, Mr. Jung and assistants.

5s. Advanced Course. Same description as above.

Elective for Freshmen. Second semester. Professors Archambault and Carre and assistants.

7. Intermediate Composition and Conversation. A review of French grammar with practice in set translation and free composition; oral reports on selected topics. Three hours per week of composition and two of oral practice. May not be elected after French 8. Formerly French 10.

Requisite: Satisfaction of the language requirement in French. Elective for Freshmen. First semester. Professor Giordanetti and assistants.

8. Advanced Composition and Conversation. Practice in free composition and in set translation of examples of a variety of styles; oral reports on selected topics. Three hours per week of composition and two of practice in conversation. Formerly French 12.

Requisite: French 7 or permission of the instructor. Elective for Freshmen. Second semester. Mr. Jung and assistants.

11. Introduction to French Literature through the Seventeenth Century. Reading and discussion of selected texts from *La Chanson de Roland* through the Age of Classicism. Conducted in French. Three hours of classroom work per week. Formerly French 7.

Requisite: Satisfaction of the language requirement in French. Elective for Freshmen. First semester. Professor Giordanetti.

12. Introduction to French Literature since the Seventeenth Century. Reading and discussion of selected texts. Concentration will be on the eighteenth and nineteenth centuries with, as time permits, some introductory materials from the twentieth century. Conducted in French. Three hours of classroom work per week. Formerly French 8.

Requisite: Satisfaction of the language requirement in French. Elective for Freshmen. Second semester. Professor Giordanetti.

13. The Nineteenth Century Novel. The reading will include at least one novel each by Constant, Balzac, Stendhal and Flaubert. Conducted in French. Three hours of classroom work per week. Formerly French 17.

Requisite: Satisfaction of the language requirement in French. Elective for Freshmen. First semester. Professor Archambault.

15. Introduction to Modern Literature. An introduction to the study of modern French literature with emphasis on the twentieth century novel, short story, theater and poetry. Conducted in French. Three hours of classroom work per week. Formerly French 19.

Requisite: Satisfaction of the language requirement in French. Elective for Freshmen. First semester. Professor Cottrell.

15s. Introduction to Modern Literature. Same description as above. Formerly French 19s.

Elective for Freshmen. Second semester. Professor Archambault.

25. French Literature of the Renaissance. Readings in Rabelais, Montaigne and the poets of the sixteenth century. Conducted in French. Three hours of classroom work per week. Formerly French 49.

Requisite: An introductory course in French literature. Elective for Sophomores or Freshmen with the consent of the instructor. First semester. Omitted in 1966-67. Professor French.

27. French Classic Tragedy—Corneille and Racine. A detailed study of the history and theory of French classic drama, with an analysis of the principal tragedies of Corneille and Racine. The philosophies of Descartes and Pascal are studied as background for the tragic authors. Three hours of classroom work per week. Formerly French 43.

Requisite: An introductory course in French literature. Elective for Sophomores or Freshmen with the consent of the instructor. First semester. Professor Turgeon.

28. French Classic Comedy—Molière. A detailed study of the principal comedies of Molière, and of the comic spirit as exemplified in La Fontaine and Boileau. Three hours of classroom work per week. Formerly French 44.

Requisite: An introductory course in French literature. Elective for Sophomores or Freshmen with the consent of the instructor. Second semester. Professor Turgeon.

30. French Literature of the Eighteenth Century. A survey of French literature between 1690 and 1789 with concentration upon the "Philosophes." Conducted in French. Three hours of classroom work per week. Formerly French 50.

Requisite: An introductory course in French Literature. Elective for Sophomores or Freshmen with the consent of the instructor. Second semester. Omitted 1966-67. Mr. Jung.

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35. French Drama Since 1890. A survey of the principal trends in the modern theater with extensive readings from such authors as Claudel, Rostand, Giraudoux, Anouilh, Camus, Ionesco, Beckett and Sartre. Three hours of classroom work per week. Formerly French 29.

Requisite: An introductory course in French literature. Elective for Sophomores or Freshmen with the consent of the instructor. First semester. Omitted 1966-67. Professor Turgeon.

36. Aspects of the Twentieth Century Novel. Readings from Giono, Malraux, Sartre, Céline, and representatives of the *nouveau roman*. Conducted in French. Three hours of classroom work per week. Formerly French 27.

Requisite: An introductory course in French literature. Elective for Sophomores or Freshmen with the consent of the instructor. Second semester. Professor Cottrell.

H37. Albert Camus. Readings in the works of Albert Camus. Two hours of classroom work per week. Conducted in French. Formerly French 51. A half course.

Requisite: Satisfaction of the language requirement in French. Elective for Sophomores or Freshmen with the consent of the instructor. First semester. Professor Carre.

H38. André Gide. Readings in the works of André Gide. Two hours of classroom work per week. Conducted in French. Formerly French 51. A half course.

Requisite: Satisfaction of the language requirement in French. Elective for Sophomores or Freshmen with the consent of the instructor. Second semester. Professor Cottrell.

H39. Marcel Proust. A study of *A La Recherche du Temps Perdu*. Two hours of classroom work per week. Conducted in French. Formerly French 53. A half course.

Requisite: Satisfaction of the language requirement in French. Elective for Sophomores or Freshmen with the consent of the instructor. First semester. Omitted 1966-67.

40. Modern French Poetry. A study of the principal poetic movements of the nineteenth century and the first part of the twentieth century, with particular attention to the poetic practice of Baudelaire, Rimbaud, Mallarmé and Apollinaire. Three meetings per week. Conducted in French.

Requisite: Satisfaction of the language requirement in French. Elective for Freshmen. Second semester. Omitted 1967-68. Professor Carre.

48. The Seventeenth Century Novel. Readings centered on *L'Astrée*, *Histoire comique de Francion*, *Le Roman comique*, *Le Roman bourgeois*, and *La Princesse de Clèves*, with a study of contemporary theory and development of the genre and the reflection of seventeenth century society in the novels. Conducted in French. Three hours of classroom work per week.

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Requisite: An introductory course in French literature. Elective for Sophomores or Freshmen with the consent of the instructor. Second semester. To be offered only in 1966-67. Mr. Jung.

77. Conference Course for Seniors.

First semester. The Department.

D78. Conference Course for Seniors. A double course.

Second semester. The Department.

97, H97. Special Topics. Independent Reading Course. Full or half course.

First semester.

98, H98. Special Topics. Independent Reading Course. Full or half course.

Second semester.

GEOLOGY

Professors Foose and Wood;* Associate Professor Brophy; Assistant Professors Belt and Hand

Major Program. Course requirements for majoring in geology include Geology 11, 12, 21, H23, 24, 35, 41, 42, and 52. Students with adequate background may be excused from Geology 11 and/or 12. Minimum requirements in related sciences are Mathematics 12, Chemistry 31, and Physics 13 and 14. In addition, Mathematics 34 is strongly recommended. For students specifying a strong interest in paleontology, Biology 21 and 24 would be required in place of the physics courses. While the Problems of Inquiry course in the sciences is not required of all geology majors, it may, at the discretion of the departmental staff, be required of individual students in order to strengthen their background.

Inasmuch as levels of preparation may vary widely, any student who contemplates a major in geology is urged to discuss his interest with the departmental chairman as early as possible. This will help him elect a program that best fits his preparation, interests, and abilities.

At the end of the senior year each major shall take a comprehensive examination, both written and oral, not to exceed six hours in length. Part I, of three hours duration, will encompass those subjects considered to form the basic body of knowledge in the science. Part II, of two hours duration, will include questions that synthesize geologic knowledge or deal specifically with the major interest of the student. Part III, of no more than one hour duration, will be an oral examination by the staff and invited guests.

Students proceeding to graduate school should take the graduate record examination early in their senior year and should be aware that most graduate

*On leave 1966-67.

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schools require reading proficiency in two languages (usually French, German, or Russian), and attendance at an accredited summer field camp in geology.

Honors Program. For a degree with honors, a student must have demonstrated some ability to pursue independent work fruitfully and exhibit a strong motivation to engage in research. A thesis subject may be chosen in the junior year and must be chosen within the first month of the senior year. Geology 77, 78 involves independent research in the field or the laboratory that must be reported in a dissertation of high quality, due in April of the senior year. Participation in a senior seminar is required of all honors candidates.

Distribution Sequences. For fulfillment of the general distributional requirements, the following are suggested for non-geology majors. As a two-semester sequence, Geology 11 and 12 is designed to be relevant in an age in which most educated persons may expect to travel extensively and to observe or be intimately involved with many aspects of the earth. As a three-course sequence, Geology 11, 12, and 33 would be ideal. In order to meet specific interests, however, the third course may be Geology 21, 41 or 42.

Unless otherwise specified, all courses are open to freshmen.

11. Principles of Physical Geology. A study of the geologic processes operating on and under the earth's surface, and the character and origin of the earth's major features and its mineral resources. Principles will be studied and major features examined both in the laboratory and the field. Four hours class; three hours laboratory (or field) work each week, and one all-day field trip. Formerly Geology 21.

First semester. Professor Foose and Staff.

11s. Principles of Physical Geology. Same as Geology 11.

Second semester. Professor Foose and Staff.

12. Historical Geology. The history and development of the continents, and the evolution of life through the geologic past. Four hours class and two hours laboratory per week, and one all-day field trip. Formerly Geology 22.

Requisite: Geology 11. Second semester. Professor Belt and Staff.

12f. Historical Geology. Same as Geology 12.

First semester. Professor Hand and Staff.

21. Mineralogy. The study of minerals with emphasis on crystallography, crystal chemistry, and chemical-structural classification. The course will require identification of minerals and knowledge of their distribution, origin, and use. Laboratory studies of chemical and physical properties of minerals useful in mineral identification, including X-ray diffraction. Three hours class and three hours laboratory work per week. Formerly Geology 23.

Requisite: Geology 11. First semester. Professor Brophy.

H23. Optical Mineralogy. The properties of isotropic, uniaxial, and biaxial substances in plane polarized light as well as observations of minerals using the petrographic microscope as a conoscope. Diagnostic optical properties of the common rock-forming minerals are systematically described. Three hours combined lecture-laboratory each week. A half course.

Requisite: Geology 11; concurrent with Geology 21. First semester. Professor Brophy.

24. Petrology. Identification and classification of common igneous, sedimentary, metamorphic rocks using the hand lens and petrographic microscope. Rock genesis is related to field and petrographic associations as well as phase equilibria in simple systems. One two-day field trip required, as well as trips of lesser duration. Three hours class and four hours of laboratory work per week.

Requisite: Geology 21 and H23. Second semester. Professor Brophy.

H30. Mineral Resources in World Affairs. Distribution and use of soils, ground water, metallic and non-metallic minerals deposits, and mineral fuels, and the role they assume in world affairs today. Two hours class and one hour of laboratory work per week. A half course.

Elective for non-geology majors. Second semester. Professor Brophy.

33. Geomorphology and Glacial Geology. Interpretation of land forms and their development by geological processes, tectonic activity, and climatic environment, based on field and aerial photographic studies. Geochronology of Pleistocene time. Two hours class and three hours laboratory each week.

Requisite: Geology 12. First semester. Omitted 1966-67. Professor Belt.

35. Structural Geology. A descriptive and analytical study of sedimentary and igneous rock structures, and of the causes of deformation within the context of regional tectonic frameworks. Geologic structures will be studied and mapped in the field in areas of sedimentary and metamorphic rocks during the laboratory. Two hours class and four hours laboratory each week. Formerly Geology 41.

Requisite: Geology 24. First semester. Professor Foose.

41. Sedimentology and Stratigraphy. A study of ancient sediments and their modern analogs. Emphasis is placed on the dynamic processes of transport, deposition, interaction between organisms and sediment and diagenesis. Regional interpretation and principles of stratigraphic correlation. Three hours class and three hours laboratory each week. Formerly Geology 44.

Requisite: Geology 12. First semester. Professor Hand.

42. Invertebrate Paleontology. A study of invertebrate organisms and their development through geologic time, as indicated by the fossil record. Ecology of ancient faunas, population analysis, influence of organisms on sediments,

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and the use of fossils in solving biostratigraphic problems. Three hours class and three hours laboratory each week. Formerly Geology 49.

Requisite: Geology 12 or Biology 22. Second semester. Professor Belt.

45. Vertebrate Paleontology. The evolution of vertebrates as shown by the study of fossils, and the relationship of environment to evolution. Three hours class and four hours laboratory work each week. Same course as Biology 45. Formerly Geology 55.

Requisite: Geology 12 or Biology 24. First semester. Omitted 1966-67. Professor Wood.

46. Economic Geology. Origin, occurrence, distribution, uses, and production of mineral fuels, metalliferous minerals (ore deposits), and industrial minerals (non-metallics). Laboratory devoted to studies of important mining districts, examination of raw materials and their geologic relations, and to a solution of geologic problems related to their occurrence. Two hours class and four hours laboratory each week. Formerly Geology 45.

Requisite: Geology 24 and 35. Second semester. Professors Brophy and Foose.

52. Field Geology. Theory and application of the techniques and methods available to the geologist for measurement of earth features and phenomena. Reconnaissance and detailed surveying techniques and geochemical and geophysical methods will be employed, including an independent geological mapping program. Participation in a senior seminar and a senior thesis are required. (Honors program may be substituted for the senior thesis.) Six hours of directed field (or laboratory) work each week.

Requisite: Geology 35. Second semester. Professor Foose and Staff.

77, 78. Geology Honors. Independent research on a geologic problem within any area of staff competence. A dissertation of high quality will be required. A seminar covering a broad spectrum of geologic problems or world regions is included.

Elective for seniors who meet the requirements of the honors program. First and second semesters. The Staff.

97, H97, 98, H98. Special Topics. Independent Reading. Full or half courses.

Approval of the departmental chairman is required. First and second semesters.

GERMAN

Professors Peppard* and Scenna; Associate Professor White; Mr. Harrison; and assistant.

Major Program. The major must include the following courses: German 11, 21, 22, 23, 28, 36, 97 or 98, and two half-courses.

*On leave 1966-67.

A major in German will take a written examination in May of his senior year. A reading list will be suggested to aid in the preparation for this examination. The examination will be based on the following:

1. major works of Lessing, Goethe, and Schiller;
2. representative works by authors of the 19th century;
3. works by an author of the candidate's choice.

A major must also demonstrate his ability to write correct German.

Honors Program. In addition to the courses required for a major, rite, candidates for honors must complete German 77, 78, and must present a thesis. They are urged to study an ancient or one other modern foreign language.

The aim of honors work in German is to offer the candidate the opportunity (a) to explore a chosen field or fields through a more extensive program of readings than is possible in course work; (b) to organize material for himself along historical or analytical lines, usually in the form of a thesis or essay; (c) to acquire a general view of the history and development of German literature or language.

Each candidate will present a thesis or essay on an approved topic. It may deal critically with the work of a specific author; it may treat the development of an idea in historical form; it may be a study of some particular literary form.

Each candidate will take, early in May, a written general examination on the history of German literature, which will also include questions in his chosen field. The result of this examination together with the excellence of the thesis or essay will determine the degree of honors for which the Department will recommend the candidate.

Distribution Sequences. A two-course sequence will consist of German 11 plus one higher numbered full course. A three-course sequence will consist of German 11 plus two higher numbered full courses.

1. Elementary Course. Grammar, pronunciation, oral practice. Three hours per week for explanation and demonstration and three hours per week in the language laboratory for oral practice.

Elective for Freshmen. First semester. Mr. Harrison.

3. Intermediate Course. Review of grammar and pronunciation, oral practice. Reading and analysis of selected texts. Three hours per week for explanation and demonstration, and three hours per week in small sections for drill in comprehension of the spoken language. Assignment to this course will be made on the basis of the score in the CEEB Achievement Test.

Elective for Freshmen. First semester. Professor White.

3s. Intermediate Course. Same description as above.

Requisite: German 1, or its equivalent. Elective for Freshmen. Second semester. Mr. Harrison.

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5. Advanced Course. Reading and analysis of selected texts. Three hours per week for demonstration and explanation, and three hours per week in small sections for oral practice and discussion. Stress will be placed on comprehension of the spoken language and oral drill. Conducted in German.

Requisite: A satisfactory score in the CEEB Achievement Test, or German 3, or the equivalent. Elective for Freshmen. First semester. Mr. Harrison.

5s. Advanced Course. Same description as above.

Requisite: German 3 or its equivalent. Elective for Freshmen. Second semester. Mr. Harrison.

Freshmen will be assigned to German 1, German 3, or German 5 on the basis of the score in the CEEB Achievement Test and previous training. Part of the drill in these courses will be in the language laboratory.

7, 8. Reading Course. A year course open to those who have already satisfied their language requirement in another language and who desire a reading knowledge of German. Three hours per week. Formerly German 25, 26.

Elective for Sophomores. First and second semesters. Omitted 1966-67. Offered in alternate years.

11. Introduction to German Literature. Reading and discussion of selected literary texts. This course will be conducted in German. Three hours of classroom work per week. Formerly German 7.

Requisite: satisfaction of the language requirement. Elective for Freshmen. First semester. Professor Scenna.

11s. Introduction to German Literature. Same description as above.

Requisite: satisfaction of the language requirement, including satisfaction of the requirement at the end of the first semester. Elective for Freshmen. Second semester. Professor White.

21. The Age of Goethe. The development of German literature from the middle of the eighteenth century to the death of Goethe. Selected readings from the works of Lessing, Goethe, Schiller and romantic authors. Background readings, lectures, and discussion. Three hours per week.

Requisite: German 11. Elective for Freshmen. First semester. Professor Scenna.

22. German Literature of the Nineteenth Century. The development of German literature from the Age of Goethe to the turn of the century. Selected readings, lectures, and discussion. Three hours per week.

Requisite: German 11. Elective for Freshmen. Second semester. Professor Scenna.

23. Goethe's Faust. *Faust*, Parts I and II. A study of the Faust legend, lectures, and assigned readings. One two-hour seminar per week, plus conferences. Formerly German 23, 24.

Requisite: German 11. Elective for Freshmen. First semester. Professor Scenna.

28. Advanced Composition and Conversation. Practice in free composition in German. Exercises in pronunciation and idiomatic conversation, with supplementary practice in the language laboratory. Oral reports on selected topics. Conducted in German. Three hours per week.

Requisite: consent of the instructor. Elective for Sophomores. Second semester. Offered in alternate years. Professor White.

H31. Thomas Mann. Readings in the shorter works of Thomas Mann. Lectures and discussion. Two hours per week. Formerly German 32. A half course.

Requisite: German 11. Elective for Juniors. First semester. Offered every fourth semester. Omitted 1966-67.

H32. Franz Kafka. A study of Kafka's shorter works. Lectures and discussion. Two hours per week. Formerly German 33. A half course.

Requisite: German 11. Elective for Juniors. Second semester. Offered every fourth semester. Omitted 1966-67.

H33. German Poetry of the Twentieth Century. Interpretation of German verse of the period, with emphasis on George, Rilke, Hofmannsthal, the Expressionists, and post-World War II poets. Two hours per week. Formerly German 35. A half course.

Requisite: German 11. Elective for Juniors. First semester. Offered every fourth semester. Mr. Harrison.

H34. German Drama of the Twentieth Century. Interpretation of German drama of the period, with emphasis on the Expressionists, Brecht, and post-World War II dramatists. Two hours per week. A half course.

Requisite: German 11. Elective for Juniors. Second semester. Offered every fourth semester. Professor Scenna.

36f. Modern German Literature in Translation. Selected German novels, novellas, and plays, from Goethe to the present, to be read in English translation. Works by such authors as Goethe, Kleist, Mann, Hesse, Brecht. Three hours per week.

Elective for Juniors. First semester. Offered in alternate years. Professor White.

77, 78. Honors Course for Seniors.

First and second semesters. The Department.

97. Special Topics. Independent Reading Course.

First semester. Professor Scenna.

98. Special Topics. Independent Reading Course.

Second semester. Professor Scenna.

HISTORY

Professors Commager, Halsted, Havighurst, Rozwenc, and Ward; Associate Professors Greene and Hawkins; Assistant Professors Browning, Chetty,* Czap, Fruchtbaum, R. Moore, Petropulos and Ratté; Mr. Kidner

Major Program. Every student choosing history as his major field of study will be assigned a departmental advisor. With the help of his advisor the student will move toward the definition of both a primary and a secondary field of concentration for his historical studies. The procedures for a major in history are designed: (a) to allow the individual student considerable freedom in defining his own fields of study, (b) to assist him in choosing those fields wisely, and (c) to enable him to demonstrate in senior year an understanding of his chosen fields and possibly of some of the relations between them.

Primary and secondary fields may be developed along the traditional lines of geography and chronology (e.g. a primary concentration on European history before 1700 or from the Renaissance to the French Revolution or since 1815; a secondary concentration on the history of the Far East, or of Russia, or of the Americas). The student may, however, choose to develop a more topical definition of one or both of his fields (e.g. intellectual history and the history of science in Europe and America since Newton or the "modernization" process in "traditional" societies like Russia, Japan, and the Middle East or the historical context for totalitarianism in Germany, Russia, and China). Obviously the final definitions of a student's fields under this program will come only as his historical sophistication develops in his early courses and only in continuing consultations with his advisor. A primary field should involve the equivalent of four semester courses, a secondary field the equivalent of two semester courses. In some cases it may be reasonable to give credit toward a history major for one course offered by another department (e.g. the history of philosophy, of art, or of political thought). Occasionally the student may need to fill out a field through independent reading.

The general procedures for completing a major in history include the following steps:

1. History 11 or 11s (Introduction to History).
2. Eight other semester courses in history.
3. Submitting, by May 1 of the student's junior year, a definition of his primary and secondary fields of concentration, a bibliography of works in his primary field for which he is willing to be responsible on his senior orals and two questions which he considers significant to ask in his primary field.
4. Submitting, by October 15 of the student's senior year, a sixteen-page paper on one or both of the two questions he has raised for himself about his primary field.

*On leave 1966-67.

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5. Submitting, by February 1 of the student's senior year, either of two alternatives: (a) a bibliography of works on his secondary field for which he is willing to be responsible on his senior orals together with one question which he considers significant to ask about his secondary field; or (b) a topic in comparative history together with a bibliography relevant to that topic.

6. Submitting, by May 1 of the student's senior year, either of two alternatives: (a) an eight-page paper dealing with the question which he has raised for himself about his secondary field; or (b) a ten-page paper on the topic he has set for himself in comparative history.

7. A senior orals examination in which the student will be questioned about the three questions and the bibliographies he has submitted.

Honors Program. Candidates for honors in history will also include History 77-78 (the writing of a thesis) among their eight departmental courses beyond History 11 or 11s. With special permission of the department majors who are not candidates for honors will be admitted to History 77 and/or 78.

The procedures described above will be followed for the classes of 1968, 1969 and 1970.

The class of 1967 may choose to follow the new program for a major if this proves possible in individual cases or to follow the existing procedures under the old curriculum. Majors in the class of 1967 who have not already taken History 69 will take instead a special section designed for upperclassmen in the new History 11.

Distribution Sequences. A three-course departmental sequence may be fulfilled by History 11 or 11s and any two courses which are related chronologically or topically. The following pairs of courses meet this requirement:

23-24	31-41	33-34	38-48	46-47	56-60
23-39	31-59	33-48	38-56	48-62	56-66
23-51	32-38	33-42	41-42	48-46	59-58
23-45	32-52	33-52	41-46	51-52	61-55
29-30	32-48	33-56	42-44	55-56	61-59
29-31	32-33	37-61	42-52	55-58	63-64
31-32	32-56	37-38	45-46	56-57	

Any other sequence must be approved by the department.

A two-course departmental sequence will normally be fulfilled by History 11 or 11s and a course of the student's selection. Exceptions must be approved by the department.

Unless otherwise specified all courses are open to freshmen and will ordinarily meet three times per week.

11. An Introduction to History. To develop in the student an awareness of what the historian does and what problems he encounters when he sets out to write the history of the past, the introductory course in history will con-

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sist of an intensive examination of different views of an important moment in history.

Required for all majors. Majors or prospective majors are advised to take this course as early as possible. First semester. The Department.

11s. An Introduction to History. Same course as History 11.

Second semester. The Department.

21. The Development of European Society I.

First semester. Omitted 1966-67.

22. The Development of European Society II. Main topics in the history of Europe from the eighteenth century to the present.

Not to be taken by students who have had History 2 in the former curriculum. Second semester. Professor Ratté.

23. Medieval Europe. An introduction to medieval European society. Readings and discussion on selected topics of institutional and social history, concentrating on the period c. 1000 to c. 1400. One three-hour class meeting per week. Formerly History 25.

First semester. Omitted 1966-67. Professor Cheyette.

24. Renaissance Society. An introduction to European societies 1300-1600. Readings and discussion on the Church in the late Middle Ages, the Italian Renaissance cities and Renaissance Monarchy. Formerly History 64.

Second semester. Omitted 1966-67. Professor Cheyette.

25s. The European Mind, Abelard to Luther. The major trends of European thought in the Middle Ages and Renaissance as seen through a study of two or three major figures. One three-hour class meeting per week. Formerly History 63s.

Prerequisite: History 23, History 24 or consent of the instructor. Second semester. Omitted 1966-67. Professor Cheyette.

29. The Eighteenth Century and the French Revolution, 1660-1815. A survey of Western Europe from the late seventeenth century through the Napoleonic period with a concentration on France, England and Germany. Emphasis will be placed on the structure of European society under the Old Regime, the nature of Enlightened Despotism, the French Enlightenment, the outbreak and course of the Revolution in France and the effect of the French Revolution on the rest of Europe. Lectures and discussion. Formerly History 48.

First semester. Mr. Kidner.

30. Problems in Eighteenth Century History, 1660-1815. A seminar course designed to provide students with an opportunity to explore in some detail selected problems in eighteenth century history. Emphasis will be on source readings, class discussions, class reports and a term paper. Several topics will be examined in the course of the semester. Topics to be considered in-

clude: the nature of Bourbon absolutism from Louis XIV to Louis XVI, Church-State relationships in the eighteenth century, the influence of the French Enlightenment on the Revolution of 1789, the relationship between the French Revolution and other revolutionary disturbances of the late eighteenth century, the French idea of the nature and function of Revolution, the nature of French revolutionary foreign policy. A reading knowledge of French is desirable but not necessary. One seminar meeting per week.

Prerequisite: History 48 or consent of the instructor. Second semester. Mr. Kidner.

31. Europe in the Nineteenth Century. Ideas and social change in Europe from the French Revolution through the aftermath of 1848, examined through four or five illustrative topics. Formerly History 43.

First semester. Professor Halsted.

32. Europe in the Nineteenth Century. A continuation of History 31, treating four or five topics in the intellectual, social and political history of Europe in the latter part of the nineteenth century. Formerly History 44.

Second semester. Professor Halsted.

33. Europe in the Twentieth Century. The course will survey in readings and lectures 1) the history of international diplomacy and total war, with special emphasis on the impact of war on European consciousness; 2) the internal histories of central and western European nations, with special emphasis on the development of totalitarian ideologies and institutions and the dilemma of democratic theory and practice in the interwar years; 3) the politics, economy, and society of the "New Europe." Considerable attention will be given to European historical and social thought in relation to developments in philosophy, science, and literature. Formerly History 49.

First semester. Professor Ratté.

34. Contemporary Europe. The course will examine through source readings, class discussions, and reports, a limited number of topics of which the following are characteristic: changing concepts of reason in science, history, and social theory 1890-1930; non-Marxist socialism as idea and as institution; European theories of mass society and mass culture in a historical context; the role of the intellectual in European political life; the ideological novel; art and social change. One two-hour seminar each week. Formerly History 50.

Second semester. Admission by consent of the instructor. Professor Ratté.

37. English History: Tudors and Stuarts. An examination of the most significant developments in the history of the English people between 1485 and 1714: the securing of the Tudor dynasty; the Henrician and Protestant Reformations; Elizabethan polity; constitutional, religious, and economic conflicts of the seventeenth century; the first stage of party politics; overseas expansion. Formerly History 51.

First semester. Professor Browning.

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38. Britain since 1815. A study of some of the fundamental changes in English society and institutions from 1815 to the present. Topics to be examined: Condition of England, 1815-1830; Victorian Compromise; British Foreign Policy; Social Thought and Social Change, 1870-1914; Socialist Britain; From Empire to Commonwealth. Lectures, discussion and individual projects. Formerly History 52.

Second semester. Professor Havighurst.

39. Foundations of English Law and the Constitution. Origins of the English Constitution; Growth of Common Law; Evolution of Parliament; Development of Monarchy; Major Constitutional Issues since 1485. Lectures, discussion and individual projects. Formerly History 67.

First semester. Professor Havighurst.

41. Russia. The history of Imperial Russia until 1894. The course will include a brief discussion of Russia's Kievan and Muscovite background and will emphasize the development of political institutions, the growth and collapse of serfdom, the village commune, the agrarian problem and the impact of industrialization in the post-Emancipation period, and the growth of revolutionary thought and action.

First semester. Professor Czap.

42. Russia. The history of Russia and the Soviet Union in the twentieth century. The course will include a discussion of the constitutional monarchy, the 1917 revolutions and establishment of the Soviet regime, and will survey the development of agriculture and industry and the evolution of the Communist party through the post-war years.

Second semester. Professor Czap.

44. Topics in Russian History. The seminar will consider the Russian Revolution as extending from 1917 to 1933. It will investigate the reestablishment of social and economic stability within Russian society after October, 1917. Papers and discussion. One seminar meeting per week.

Admission by consent of the instructor. Second semester. Professor Czap.

45. Japan. An introduction to the history of Japan from earliest times to 1600. Special attention is given to the development of political, economic and social institutions, and to the relationship between land systems and political and social structures.

First semester. Professor R. Moore.

46. Japan. Japanese history since 1600. Emphasis is on political and intellectual responses to the Western impact in the 19th and 20th centuries, and the Japanese attempt to modernize. Brief consideration is given to developments since World War II.

Second semester. Professor R. Moore.

47. Topics in Japanese History. Readings, student reports and class discussion center around selected topics in Japanese history since 1600, with emphasis on the process of Japan's modernization. Topics will vary from year to year. One two-hour seminar each week. Formerly History 65.

Open to students who have completed History 28 in the former curriculum or History 46 in the 1966 curriculum. First semester. Professor R. Moore.

48. Modern East Asia and the West. Intensive reading and class discussion of problems created by the Western impact on China, Japan and Korea since the middle of the 19th century. Special consideration is given to differences in the Chinese and Japanese reaction to the West and their attempts to modernize.

Not to be elected by students who have had History 28 in the former curriculum. Second semester. Professor R. Moore.

51. The Middle East. From the birth of Islam and the rise of an Arab empire in the seventh century A.D. to the passing of political hegemony to the Turks and the growth of the Ottoman empire up to 1500. Topics receiving special emphasis: the transformation of popular-religious movements into dynastic drives for *imperium*, the contribution of pre-Islamic cultural traditions to the formation of an Islamic civilization, and the interaction between Islam, Byzantium, and the West. Formerly History 39.

First semester. Professor Petropulos.

52. The Middle East. From the rise of the Ottoman (Turkish) and Safavid (Persian) empires to the emergence of successor nation-states in the twentieth century. Topics receiving special emphasis: the impact of the West on Islamic civilization, the modern problems of under-development faced by the new nations of the Middle East, the interaction between the Arab, Turkish, Iranian, and Jewish portions of the Middle Eastern world. Formerly History 40.

Second semester. Professor Petropulos.

54. Seminar on Modern Turkey. Select topics on political reform, economic development and cultural change in the context of the international setting. On the basis of a common body of reading at the outset, the class will define a broad problem and each student will select one aspect of this problem for individual research and classroom discussion. One two-hour session per week.

Limited to eight students. Second semester. Professor Petropulos.

55. The History of American Society. The changing relations in American social thought and behavior in the generations from the American Revolution to the end of the Civil War. Emphasis is given to basic political, economic and social institutions, to the place of science and technology in American society, and to competing ideas and social myths. Formerly History 33.

First semester. Professor Rozwenc.

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56. The History of American Society. The changing relations in American social thought and behavior in the generations from the Gilded Age to the present. Emphasis is given to basic political, economic and social institutions, to the place of science and technology in American society, and to competing ideas and social myths. Formerly History 34.

Second semester. Professor Rozwenc.

57. Seminar in Southern History. Selected topics, with emphasis on the forces that have affected Southern particularism. One two-hour and one one-hour meeting weekly.

Limited to fifteen students. First semester. Professor Hawkins.

58. The Progressive Generation. A study of the responses to change made by Americans in the generation from 1890 to 1920. By concentrating upon a single generation the course will explore some of the interrelations among politics, literature, business, the professions, religion, and popular culture. One seminar meeting weekly. Formerly History 68.

Limited to fifteen students. Second semester. Omitted in 1966-67. Professor Greene.

59. Society and Politics in the Jacksonian Era. An intensive examination of the social and economic changes in America in the early nineteenth century and their implications for the practice of politics and the content of American democratic ideology.

First semester. Professor Ward.

60. Society and Politics in the Era of the New Deal. An intensive examination of the changes in power and ideology during the 1930's. One seminar meeting weekly.

Limited to fifteen students. Second semester. Professor Rozwenc.

61. Foundations of American Civilization. An analysis of the first five generations of Americans (from early settlers through the Revolutionary generation) with emphasis upon the origins of certain fundamental themes in American history: social classes, immigration, European-American relations, frontier vs. city, science vs. religion, and constitutional democracy.

First semester. Professor Greene.

62. American Diplomatic History. The history of American foreign policy from the American Revolution to the present, with emphasis on the period since 1898.

Second semester. Professor Greene.

63. Conference Course in American Intellectual History. This course will consist of reading, discussion and reports on some of the significant books of American intellectual history. One seminar meeting weekly. Formerly History 73.

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Elective for Juniors, on permission of instructor. First semester. Professor Commager.

64. Conference Course in American Intellectual History. Continuation of History 63. One seminar meeting weekly. Formerly History 74.

Elective for Juniors, on permission of instructor. Second semester. Professor Commager.

66. Seminar in American Educational History. Selected topics from the colonial period to the present with emphasis on tensions between autonomous institutional standards and the needs and ideals of the general society. One two-hour and one one-hour meeting weekly. Formerly History 36.

Limited to fifteen students. Second semester. Professor Hawkins.

69. History of Science: The Darwinian Revolution. Themes in the history of nineteenth century science with the focus on the work and influence of Darwin, his predecessors, opponents and followers. The role of biology, physics, and the sciences of man in shaping the modern world view is examined. One two-and-a-half hour meeting per week. Formerly History 398a at Smith College.

Elective for Juniors, and, with the permission of the instructor, for Sophomores. First semester. Professor Fruchtbaum.

70. History of Science: Science in America. A history of scientific ideas and institutions in America from the colonial period to the twentieth century. Lectures and discussions will consider the mutual impact of science and American culture. One meeting of two and one-half hours per week.

Elective for Juniors and for Sophomores with the consent of the instructor. Second semester. Professor Fruchtbaum.

75. Seminar in Comparative History.

First semester. Omitted in 1966-67.

77. Conference Course. Senior Honors. Preparation of an honors thesis.

Elective for Seniors with the consent of the Department. With special permission of the department students who are not candidates for honors may elect History 77 and/or History 78. First semester. The Department.

D78. Conference Course. Senior Honors. Preparation of an honors thesis. A double course.

Elective for Seniors with the consent of the Department. With special permission of the department students who are not candidates for honors may elect History 77 and/or History 78. Second semester. The Department.

97. Special Topics. Independent Reading Course.

First semester.

98. Special Topics. Independent Reading Course.

Second semester.

HISTORY OF SCIENCE

Professor Fruchtbaum

History of Science is offered under a four-college program. Different courses are offered on the respective campuses as indicated, and are rotated from year to year.

The Newtonian Synthesis. The biological and physical sciences from the Greeks to the nineteenth century with the focus on the work and influence of Newton, his predecessors, opponents and followers. The course emphasizes the significance of scientific ideas in intellectual history. One two-and-a-half hour meeting per week. Formerly History 46.

Elective for Juniors and, with the permission of the instructor, for Sophomores. Offered at Smith College. First semester. Professor Fruchtbaum.

The Darwinian Revolution. Themes in the history of nineteenth century science with the focus on the work and influence of Darwin, his predecessors, opponents and followers. The role of biology, physics, and the sciences of man in shaping the modern world view is examined. One two-and-a-half hour meeting per week. Formerly History 398a at Smith College. History 69 at Amherst.

Elective for Juniors, and, with the permission of the instructor, for Sophomores. Offered at Amherst. First semester. Professor Fruchtbaum.

The Social Setting of Science. A history of scientific institutions and the professionalization of science. The state as a promoter of technology and the scientist as a maker of public policy are treated. One two-and-a-half hour meeting per week.

Elective for Juniors, and, with the permission of the instructor, for Sophomores. Offered at Mount Holyoke. First semester. Professor Fruchtbaum.

The Non-Scientific Foundations of Science. The influence of theology and philosophy on the history of science. Topics include the role of teleology and natural theology in the development of astronomy, geology and biology, and the interrelations of science and religion. One two-and-a-half hour meeting per week. Formerly History 46 at Amherst (1964-65) and History of Science 251 at Mount Holyoke (1965-66).

Elective for Juniors, and with the permission of the instructor, for Sophomores. Offered at Smith. Second semester. Professor Fruchtbaum.

Science in America. A history of scientific ideas and institutions in America from the colonial period to the twentieth century. Lectures and discussions will consider the mutual impact of science and American culture. One two-and-a-half hour meeting per week. Formerly History of Science 360 at the University of Massachusetts. History 70 at Amherst.

Elective for Juniors, and with the permission of the instructor, for Sophomores. Offered at Amherst. Second semester. Professor Fruchtbaum.

ITALIAN

Professor French, Associate Professor Giordanetti

Major Program. A combined major may be arranged by consultation. Note also under French and Spanish, the description of combined majors with Italian.

Distribution Sequences. Italian 12, 23 or Italian 12, 24. Sequence of three: Italian 12, 23, 24.

1. Italian Language. An intensive course in language: recognition and imitation of basic sentence patterns, vocabulary and verb forms. Oral-aural drill on readings. Per week: four class hours and three hours of practice with instructor or in laboratory.

Elective for Freshmen. First semester. Professor French.

12. Readings in Italian Literature. Theater, such as Pirandello, *Enrico IV*; short story such as Verga, *Cavalleria rusticana*; novel such as Pavese, *Paesi tuoi*; poetry such as that of Quasimodo. Three hours per week. Formerly Italian 3s and 21.

Requisite: Italian 1. Elective for Freshmen. Second semester. Professor Giordanetti.

23. Dante. A reading of the *Inferno* and parts of the *Purgatorio* and *Paradiso*. Special study of the social and political background of the work. Reports and papers. Three hours of classroom per week. Formerly Italian 22.

Requisite: Italian 12. Elective for Sophomores. First semester. Professor French.

24. Literature of the Italian Renaissance. Origins in Boccaccio's *Decamerone* and Petrarch's *Canzoniere*. Reading of Cellini's *Vita*, Castiglione's *Cortegiano*, Machiavelli's *Principe*, etc., with study of the social background of the fifteenth and sixteenth centuries. Reports and papers. Three hours of classroom per week.

Requisite: Italian 12. Elective for Sophomores. Second semester. Professor French.

97, H97; 98, H98. Special Topics. Full or half courses.

First and second semesters.

LEGAL STUDIES

Professors Havighurst, Latham,* and Ziegler

Foundations of English Law and the Constitution. Same course as History 39. Origins of the English Constitution; growth of common law; evolution

*On leave first semester 1966-67.

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of Parliament; development of monarchy; major constitutional issues since 1485. Lectures, discussion and individual projects. Formerly History 67.

First semester. Professor Havighurst.

American Constitutional Development. Same course as Political Science 41. The development of American constitutional philosophy since 1787 under three general heads: The Agrarian Constitution, the Laissez-Faire Constitution, and the Welfare Constitution. Topics will include the Marshall and Taney eras, constitutional problems of slavery, the Civil War and Reconstruction, the constitutional foundations of 19th century capitalism, constitutional problems of federal and state regulation, civil liberties in the 20th century, the constitutional crisis of 1935-1937, and current problems of constitutional interpretation. Attention will be given to the judicial philosophies of the Federalist and Jacksonian judges, Field, Miller, Waite, Harlan, Holmes, Brandeis, Stone, Black, and Frankfurter. Formerly Political Science 25.

Elective for Sophomores. First semester. Omitted 1966-67. Professor Latham.

Administrative Law. Same course as Political Science 42. An introduction to the American system of legal control exercised by other law administering agencies than the courts, with special reference to doctrines developed by the Interstate Commerce Commission, Securities and Exchange Commission, Federal Trade Commission, and the National Labor Relations Board. The course deals with the formulation of legislative purposes and administrative policies; administrative and judicial responsibilities for the enforcement of agency programs; and the nature and extent of judicial control over administrative action.

Elective for Sophomores. Limited to 25 students. Second semester. Omitted 1966-67. Professor Ziegler.

International Law. Same course as Political Science 46. The historical basis and present trends in the development of international law will be discussed and related to the social, economic, and political aspects of present day world politics and government. Formerly Political Science 44.

Elective for Sophomores. Second semester. Professor Ziegler.

MATHEMATICS

Professors Breusch, Brown and Willcox; Assistant Professors Bailey,* Bernstein, Crabtree, Denton and Starr

Major Program. The basic minimum course requirements for a major are Mathematics 11, 12, 21, 22, 23, 25, 26. At least two more courses in mathematics, and either Physics 13-14 or Problems of Inquiry 3 must be elected.

*On leave 1966-67.

MATHEMATICS

A student with an acceptable grade on the Advanced Placement Examination in Mathematics may be excused from 11.

A comprehensive examination for honors students will be given toward the end of the first semester of their senior year. For other majors, the comprehensive examination will be given during the second semester of their senior year. In each case, the questions will be taken from the subjects covered in the required courses.

A student considering a major in mathematics should consult with a member of the Department as early as possible, preferably during his freshman year. This will enable him to arrange a program best suited to his ability and interest, whether it be in mathematics, secondary school teaching, or a non-mathematical career. If possible, he should complete two courses during his freshman year, and he should have completed all required courses by the end of his junior year.

For a student considering graduate study in mathematics, an honors program and a reading knowledge of two foreign languages (usually German, French or Russian) are extremely desirable. Such a student is advised to take the Graduate Record Examination early in his senior year.

Honors Program. For a degree with honors, the following additional courses are required:

Class of 1967: Mathematics 43, 77, 78.

Class of 1968: Mathematics 43, 77, 78; since "Probability" will be the subject of 77 in the fall of 1967, some knowledge of probability and statistics will be a requisite. Mathematics 34 is strongly suggested for this purpose.

Class of 1969: Mathematics 43, 77, 78.

Class of 1970 and thereafter: Mathematics 43, 77, 78, Physics 13, 14. Before the Christmas recess of the senior year, an individual thesis topic will be selected by an honors candidate in conference with a member of the Department. After an intensive study of this topic, the candidate will write a report in the form of a thesis which should be original in its presentation of the material, if not in content. Honors students are expected to attend the mathematics seminar during their junior and senior years, and they will report to the seminar on their thesis work during their senior year.

Distribution Sequences. For fulfillment of the general distributional requirements, the following sequences are suggested for non-mathematics majors: 11-12 as a two-semester sequence, 11, 12, 21 or 11, 12, 34 as three-semester sequences. For the class of 1969, 12-21 and 12-34 are possible two semester sequences.

11. Introduction to the Calculus. Basic concepts of analytic geometry; limits, derivatives, antiderivatives; differentiation of algebraic functions, applications; the definite integral, simple applications; circular functions and

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their inverses, logarithms and exponential functions; integration techniques; coordinate transformations, conic sections. Four class hours per week.

Elective for Freshmen. First semester. The Department.

11s. Introduction to the Calculus. Same description as above.

Second semester. The Department.

12. Intermediate Calculus and Linear Algebra. Review of the basic concepts of the calculus, with more stress on rigor; indeterminate forms, improper integrals, differentials, polar coordinates, parametric equations; the mean value theorem, Taylor's theorem with applications; a first introduction to infinite series. An introduction to the study of finite-dimensional vector spaces, linear transformations, and matrices; the emphasis will be on Euclidean spaces. Four class hours per week.

Requisite: Mathematics 11, or the former 1-2, or an acceptable grade on the Advanced Placement Examination. Elective for Freshmen. Second semester. The Department.

12f. Intermediate Calculus and Linear Algebra. Same description as above.

Elective for Freshmen. First semester. The Department.

21. Multivariable Calculus. Functions of several variables, continuity, partial derivatives; the chain rule; coordinate transformations, cylindrical and spherical coordinates; curves and surfaces; Taylor's theorem, extrema; multiple integrals, applications; line integrals; series. Four class hours per week.

Requisite: Mathematics 12. (The former Mathematics 3 will not be sufficient as a requisite for this course.) Elective for Sophomores. First semester. Omitted 1966-67.

21s. Multivariable Calculus. Same description as above.

Requisite: Mathematics 12. Elective for Freshmen. Second semester. Professor Breusch.

22. Advanced Calculus. Basic topological concepts in n -space; theorems on compact sets, and on functions which are continuous on compact sets; implicit functions; measures of point sets, Riemann integrals in n -space; surface area, surface integrals, the divergence theorem; differential forms, Stokes' theorem; Fourier series, applied in the solution of simple partial differential equations. Selections from one or two of the following topics: metric spaces; Fourier integrals; the calculus of variations. Four class hours per week.

Requisite: Mathematics 21. Elective for Sophomores. Second semester. Omitted 1966-67.

H23. Differential Equations. An introduction to the theory and methods of solution of ordinary differential equations; a brief treatment of several types of first order equations will be followed by a more thorough study of linear

equations, and systems of linear equations. Two class hours per week. A half course.

Requisite: In 1966, the former Mathematics 3; from 1967 on, Mathematics 12. Elective for Sophomores. First semester. Professor Breusch.

25. Algebra I. A brief consideration of properties of sets, mappings, and the system of integers, followed by an introduction to the theory of groups and rings including the principal theorems on homomorphisms and the related quotient structures; integral domains, fields, polynomial rings. Four class hours per week.

Elective for Sophomores. First semester. Professor Willcox.

26. Algebra II. A continuation of the study of a finite-dimensional abstract vector space and the algebra of linear transformations which act on it, together with the isomorphic algebra of matrices; the dual space, the effect of a change of basis, invariant subspaces, minimal polynomial of a transformation, characteristic vectors, various canonical forms. Four class hours per week.

Requisites: Mathematics 12 and 25. Elective for Sophomores. Second semester. Professor Willcox.

31. Advanced Calculus. A brief treatment of determinants and solid analytic geometry; partial differentiation; implicit function theory; elements of vector analysis with applications. Four class hours per week. Not to be offered after 1966-67.

Requisite: the former Mathematics 3. Elective for Sophomores. First semester. Professor Denton.

32. Advanced Calculus. Multiple integrals; line and surface integrals, Stokes' theorem; uniform convergence, Fourier series. Four class hours per week. Not to be offered after 1966-67.

Requisite: Mathematics 31. Elective for Sophomores. Second semester. Professor Denton.

33. Theory of Numbers. An introduction to the theory of rational integers; divisibility, the unique factorization theorem; congruences, quadratic residues. Selections from the following topics: Diophantine equations; Waring's problem; asymptotic prime number estimates; continued fractions; algebraic integers, unique factorization domains. Four class hours per week. Formerly Mathematics 43.

Elective for Sophomores. First semester, alternate years. Omitted 1966-67.

34. Introduction to Probability and Statistics. Elementary probability, including statements of the law of large numbers, and the central limit theorem; joint distribution functions; distribution functions of frequent occurrence in statistics, such as the Normal, Poisson, Chi square and Student's t , and their use in hypothesis testing and estimation; roles of the law

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of large numbers and the central limit theorem in hypothesis testing and estimation (including errors of type I and type II); a brief introduction to non-parametric methods. Four class hours per week. Formerly Mathematics 34.

Requisite: Mathematics 12 (or the former Mathematics 3). Elective for Freshmen. Second semester. Professor Starr.

35. Statistics. Intermediate probability; forms and sketches of proofs of the law of large numbers and the central limit theorem; Neyman-Pearson theory of hypothesis testing and estimation; properties of some parametric and non-parametric tests of wide applicability; introduction to decision theory. Four class hours per week.

Requisite: Mathematics 34. Elective for Sophomores. First semester, alternate years. This course will be offered for the first time in the fall of 1968.

36. Topics in Geometry. A selection of topics from projective, non-Euclidean and differential geometry. Four class hours per week. This course replaces the former Mathematics 48.

Requisite: Mathematics 12. Elective for Sophomores. Second semester, alternate years. Omitted 1966-67.

42. Functions of a Complex Variable. An introduction to analytic functions; complex numbers, derivatives, conformal mappings, integrals, Cauchy's theorems; power series, singularities, Laurent series, analytic continuation; Riemann surfaces; special functions. Four class hours per week. Formerly Mathematics 42.

Requisite: Mathematics 21 (or 31). Elective for Sophomores. Second semester. Professor Breusch.

43. Functions of a Real Variable. An introduction to Lebesgue measure and integration; topology of the real numbers, inner and outer measures and measurable sets; the approximation of continuous and measurable functions; the Lebesgue integral and associated convergence theorems; the Fundamental Theorem of Calculus. Four class hours per week. Formerly Mathematics 47.

Requisite: Mathematics 22 or 32. Elective for Juniors. First semester. Professor Crabtree.

44. Topology. An introduction to general topology; the topology of Euclidean, metric and abstract spaces with emphasis on such notions as continuous mappings, compactness, connectedness, completeness, separable spaces, separation axioms, metrizable spaces. Additional topics may be selected to illustrate applications of topology in analysis or to introduce the student briefly to algebraic topology. Four class hours per week. Formerly Mathematics 45.

Requisite: Mathematics 22 or 32, or consent of the instructor. Elective for Juniors. Second semester, alternate years. Professor Starr.

MATHEMATICS

68. Conference Course. The content of this course will vary from year to year. In 1966–67, the topic will be the theory of matrices.

Requisite: some knowledge of linear algebra. Elective for Juniors with the consent of the Department. Second semester. Professor Crabtree.

77. Senior Honors Course. The content of this course will vary from year to year. In 1966–67, the subject will be abstract algebra.

Elective for Seniors with the consent of the Department. First semester. Professor Brown.

78. Senior Honors Course.

Requisite: Mathematics 77. Second semester. The Department.

97, H97. Special Topics. Independent Reading Course. Full or half course. First semester.

98, H98. Special Topics. Independent Reading Course. Full or half course. Second semester.

MUSIC

Professors Mishkin and V. Morgan; Assistant Professors Archibald and McInnes

The Department offers courses for students who wish to pursue the study of music with a minimum of technical knowledge (11, 21–22, 41, 42, 43, 44, 45, 47, 48); for students with a special interest in theory and composition (31, 32, 33, 34, 35, 36, 71, 72); and for students with a special interest in performance (H29, H30).

Major Program. The rite major with concentration in theory is required to elect Music 11, 31–32, 33–34 or 35–36, 21–22 and two other full courses (or their equivalent) offered by the Department. The rite music major with concentration in performance is required to elect Music 11, 31–32, six half courses in performance (H29, H30), 21–22, and one other full course offered by the Department. Freshman majors are advised to elect at least Problems of Inquiry 1 and Music 11.

Honors Program. The honors music major in theory or music history must take the courses prescribed for the rite music major in theory plus Music 77–78. The honors music major in performance must take the courses prescribed for the rite music major in performance plus Music 77–78.

Distribution Sequences. Two-course sequences are (a) Music 11 and one literature course offered by the Department; (b) Music 31–32; (c) Music 21–22 or any other combination of two full courses in music literature if the student has demonstrated his qualification for advanced standing. Three-

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course sequences are: (a) Music 11 and 21-22; (b) Music 11 and 31-32; (c) Music 11 and any other two full courses in music literature.

11. Introduction to Music. An introduction to the elements of music (rhythm, melody, counterpoint, harmony, orchestration, form) and to the various categories of the field. The student will develop musical awareness primarily through listening and will develop the basis of a musical notation. Three lectures and one section meeting a week.

Elective for Freshmen. First semester. Professor Archibald and the Department.

11s. Introduction to Music. Same course as Music 11.

Elective for Freshmen. Second semester. Professor Archibald and the Department.

21. History of Western Music. The history of western music from 500 B.C. through early Baroque music (seventeenth century). The techniques, forms and styles used during the various periods. Emphasis will be placed on careful listening to recorded examples. Three class meetings weekly.

Requisite: Music 11 or, prior to 1966, Music 23, 25 or 27, or the consent of the instructor. Elective for Sophomores. First semester. Professor Morgan.

22. History of Western Music. A continuation of Music 21. The history of western music from 1700 to the present day. Three class meetings weekly.

Elective for Sophomores. Second semester. Professor Morgan.

H29, H30. Performance. Under the Four-College Cooperative Plan courses are offered in: piano, organ, voice, violin, viola, violoncello and occasionally in other performance media. These courses may be elected by students who first satisfy the Department and the individual instructor that they are prepared to undertake the study of solo music literature of artistic worth. Instruction will be given by members of the Departments of Music of Amherst, Mount Holyoke, and Smith. The courses listed in the catalogues of the neighboring institutions are: Smith College—Piano 121, 222, 323, 424, 525; Violin 151, 252, 353, 454, 555; Viola 161, 262, 363, 464, 565; Violoncello 171, 272, 373, 474, 575; Voice 141, 242, 343, 444, 545; and at Mount Holyoke College—Voice 167f, 168s. A fee of \$112.50 per semester is charged to cover a portion of the expense of this special type of instruction. One hour of private instruction and nine hours of practice per week are expected.

Note: Study for less than two consecutive semesters will not be counted for satisfaction of the degree requirements. The course will carry no weight in a student's program the first semester it is taken. Two consecutive semesters will be weighted as one full course during the second semester it is taken. A third, fifth, or seventh consecutive semester which is not followed by a fourth, sixth, or eighth will be weighted as a half course.

Elective for Freshmen with the consent of both the Amherst Music De-

partment and the instructor. This course may be repeated. First and second semesters.

31. Elementary Theory. Basic principles of harmonic and contrapuntal technique. Triads and their inversions, nonharmonic tones, modulations, harmonizations in chorale style. Three class meetings a week. Formerly Music 23.

Requisite: ability to play all written work and the consent of the instructor. Elective for Freshmen. Limited to 15 students. First semester. Professor Mishkin.

32. Elementary Theory. A continuation of Music 31. Seventh chords, elementary phrase structure, formal analysis, binary composition. Three class meetings a week. Formerly Music 24.

Requisite: Music 31. Elective for Freshmen. Second semester. Professor Mishkin.

33. Chromatic Harmony. A study of tonal harmony as practiced in the eighteenth and early nineteenth centuries; chromatic enrichment of the diatonic framework and the construction of instrumental forms. Students will write music in classical forms and analyze music from J. S. Bach to Schubert. Three class meetings a week. Formerly Music 53.

Requisite: Music 32. Elective for Sophomores. Offered in alternate years. First semester. Professor Archibald.

34. Chromatic Harmony. A continuation of Music 33 with emphasis on the chromatic developments of the nineteenth century; analysis of works from late Beethoven to Mahler. Three class meetings a week. Formerly Music 54.

Requisite: Music 33. Elective for Sophomores. Offered in alternate years. Second semester. Professor Archibald.

35. Tonal Counterpoint. Contrapuntal technique of the eighteenth century, invertible counterpoint, canon, two part inventions. Three class meetings a week. Formerly Music 48.

Requisite: Music 32. Elective for Sophomores. Offered in alternate years. First semester. Omitted 1966–67. Professor McInnes.

36. Tonal Counterpoint. A continuation of Music 35. Canons and inventions in three voices, the chorale prelude. Three class meetings a week.

Requisite: Music 35. Elective for Sophomores. Offered in alternate years. Second semester. Omitted in 1966–67. Professor McInnes.

41. Renaissance Music. A study of Renaissance music as an expression of the cultural developments of the era. Two one-and-one-half hour meetings weekly.

Requisite: Music 11, or prior to 1966, Music 23, 25, or 27, or the consent of the instructor. Elective for Sophomores. Offered in alternate years. First semester. Professor McInnes.

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42. Bach. The Bach style studied in relation to the development of music since 1600. Three class meetings a week. Formerly Music 45.

Requisite: Music 11 or, prior to 1966, Music 23, 25 or 27, or the consent of the instructor. Elective for Juniors. Offered in alternate years. Second semester. Professor Mishkin.

43. Mozart. A study of the instrumental and sacred choral music. Three class meetings a week. Formerly Music 52.

Requisite: Music 11 or, prior to 1966, Music 23, 25 or 27, or the consent of the instructor. Elective for Sophomores. Offered in alternate years. First semester. Omitted 1966-67. Professor Mishkin.

44. Beethoven. A study of the piano, chamber, orchestral and choral music. Three class meetings a week.

Requisite: Music 11 or, prior to 1966, Music 23, 25 or 27, or the consent of the instructor. Elective for Freshmen. Offered in alternate years. Second semester. Omitted 1966-67. Professor Morgan.

45. Opera. The development of the musical drama from 1600 with emphasis on a detailed study of operatic types. Concentration on representative works by Monteverdi, Gluck, Mozart, Verdi and Wagner. Three class meetings a week. Formerly Music 46.

Requisite: Music 11 or, prior to 1966, Music 23, 25 or 27, or the consent of the instructor. Elective for Sophomores. Offered in alternate years. First semester. Professor Morgan.

47. Nineteenth Century Music. Solo and chamber music; the art song and choral music; the symphony and symphonic poem. Three class meetings a week.

Requisite: Music 11 or, prior to 1966, Music 23, 25 or 27, or the consent of the instructor. Elective for Sophomores. Offered in alternate years. First semester. Omitted 1966-67. Professor Morgan.

48. Twentieth Century Music. An analysis of selected works by major twentieth century composers in their cultural context. Stravinsky, Berg, Webern and Bartok will be stressed. Three class meetings a week. Formerly Music 42.

Requisite: Music 11 or, prior to 1966, Music 23, 25 or 27, or the consent of the instructor. Elective for Juniors. Offered in alternate years. Second semester. Omitted 1966-67. Professor Archibald.

71. Composition Seminar. Creative composition in music geared to the needs and experience of the individual student. One two-hour meeting and one 50 minute meeting a week.

Requisite: Music 34 or Music 36 and Music 48, or the consent of the instructor. Elective for Juniors. First semester. Professor Archibald.

72. Composition Seminar. A continuation of Music 71. One two-hour meeting and one 50 minute meeting a week.

Requisite: Music 34 or Music 36 and Music 48, or the consent of the

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instructor. Music 71 and 72 may be elected for more than one year. Elective for Juniors. Second semester. Professor Archibald.

77, D77, 78, D78. Conference Course. Advanced work in history, composition or performance for honors candidates. A thesis, a major composition or a formal recital will be required. No student shall elect more than one semester as a double course. A double course or a full course.

Elective for qualified Seniors.

PHILOSOPHY

Professors Epstein, Kennedy,* Kennick; Associate Professor Pemberton; Assistant Professors Barnes and Tredwell.

Major Program. Problems of Inquiry 1; eight courses in philosophy, necessarily including Philosophy 17 and 18 (formerly 43 and 44); the comprehensive examination, consisting of two written examinations, one in the history of philosophy and the other on a topic of the student's choice, e.g. ethics, logic, metaphysics.

Majors and majors with honors may also be taken in combined fields, e.g. Philosophy and Mathematics, Philosophy and History, Philosophy and Psychology, with the approval of the departments concerned. The selection of courses to constitute such combined majors, the topic for an original essay and the arrangements for comprehensive examinations must in each case be approved in advance by representatives of the departments concerned.

Honors Program. Problems of Inquiry 1; eight courses in philosophy, necessarily including Philosophy 17 and 18 (formerly 43 and 44), 13 (formerly 23) or 26, 14 (formerly 24), and 77 and 78; the writing of an acceptable thesis; the comprehensive examination, consisting of two written examinations, one in the history of philosophy and the other on a topic of the student's choice, and an oral examination on the thesis and related topics.

Distribution Sequences. Two-course sequences: 17 and 18; 11 (11s) or 13 or 26 and, subject to prerequisites, any other course in philosophy; but not any of the following combinations: 11 and 13, 11 and 26, 13 and 26. Three-course sequences: subject to prerequisites, any three courses in philosophy, only one of which may be 11 (11s), 13, or 26.

11. Introduction to Philosophy. Training in philosophical reasoning. Classical and contemporary authors, chosen to exemplify basic problems of philosophy, will be discussed. Three class hours per week. Formerly Philosophy 21.

Elective for Freshmen. Each section limited to 25 students. First semester. Professors Epstein and Barnes.

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11s. Introduction to Philosophy. Training in philosophical reasoning. Classical and contemporary authors, chosen to exemplify basic problems of philosophy, will be discussed. Three class hours per week. Formerly Philosophy 21s.

Elective for Freshmen. Each section limited to 25 students. Second semester. Professors Tredwell and Barnes.

13. Introduction to Logic. An examination of the ideals of valid argument and clear statement, explored through an analysis of examples drawn from the natural and social sciences, literature, and the law. Topics include the common formal and informal fallacies, deductive and inductive inference, and the use of formal techniques in the analysis of arguments. (No previous training in the sciences or philosophy is presupposed.) Three class hours per week. Formerly Philosophy 23.

Elective for Freshmen. First semester. Professor Tredwell.

14. Ethics. The bases of morality; theory of the moral life; moral issues involved in social problems. Three class hours per week. Formerly Philosophy 24.

Elective for Freshmen. Second semester. Professor Barnes.

17. History of Ancient and Medieval Philosophy. A survey of European philosophy from the early Greeks to the end of the Middle Ages, with emphasis on the presocratic philosophers, Plato, Aristotle, St. Augustine, and St. Thomas Aquinas. Reading and discussion of selected works of the period. Four class hours per week. Formerly Philosophy 43.

Elective for Freshmen. First semester. Professor Kennick.

18. History of Modern Philosophy. A survey of European philosophy from 1500 to the present, with emphasis on Descartes, Leibniz, Spinoza, Locke, Berkeley, Hume, and Kant. Reading and discussion of selected works of the period. Four class hours per week. Formerly Philosophy 44.

Requisite: Philosophy 17 or the consent of the instructor. Elective for Freshmen. Second semester. Professor Kennick.

21. American Philosophy. A study of the modern period in American thought. Reading and discussion of works by Peirce, James, Royce, Santayana, Veblen, Dewey and others. Three class hours per week. Formerly Philosophy 47.

Elective for Sophomores. First semester. Omitted in 1966-67. Professor Kennedy.

23. Philosophy of Education. A comparative and critical study of contemporary theories of education, in terms both of their historical origins and of current problems and controversies. Three class hours per week. Formerly Philosophy 41.

Elective for Sophomores. First semester. Omitted in 1966-67. Professor Kennedy.

26. Symbolic Logic. An analysis of formal deductive systems, including the propositional calculus, the first order calculus of functions, and enough semantics to allow investigations of the independence of axioms and primitive symbols, consistency, and the completeness of theories formulated in the functional calculus. Special emphasis on the analysis of informal proofs in mathematics. Formerly Philosophy 28.

Requisite: Philosophy 13 or the consent of the instructor. Elective for Sophomores. Second semester. Professor Tredwell.

28. Introduction to the Philosophy of Science. An examination of two major aspects of the physical and social sciences. (1) Concept formation: interpreted and uninterpreted systems, theory of measurement and the relation between measurement and theory, the specification of elementary and abstract terms, the reduction of theories. (2) Explanation, prediction and confirmation: individual events and laws, the logical character of scientific laws and theories, mechanical explanation and its probabilistic, genetic and teleological alternatives, relations and distinctions between explanation and prediction, probability and confirmation.

Detailed results will be brought to bear on such representative issues as: space and geometry in physical theory, causality and indeterminism in physics and history, mechanism and vitalism in biology, methodological individualism in social science. Formerly Philosophy 26.

Requisites: Philosophy 13 or 26, or consent of the instructor. Elective for Sophomores. Second semester. Professor Epstein.

31. Aesthetics. A critical examination of selected theories of the nature of art, expression, creativity, artistic truth, aesthetic experience, interpretation and criticism. Special emphasis is placed on the thought of modern philosophers and critics. Three class hours per week. Formerly Philosophy 51.

Requisites: two courses in philosophy, or one course passed with a grade of 80 or better, or the consent of the instructor. Elective for Juniors. First semester. Omitted in 1966-67. Professor Kennick.

32. Metaphysics. A critical examination of selected metaphysical theories in the light of the arguments used to support them. The topics of sample theories include: appearance and reality; sense-data; solipsism; space, time, and infinity; universals; the existence of God; the nature of mind. Formerly Philosophy 74.

Requisite: two courses in philosophy, or one course passed with a grade of 80 or better, or the consent of the instructor. Elective for Juniors. Second semester. Professor Kennick.

33. Philosophy of Religion. An examination of some basic religious concepts in the light of philosophical analysis. Among topics to be considered are the nature and status of religious knowledge, the existence and nature of God, and some religious views of human nature and conduct. Three class hours per week. Same course as Religion 33. Formerly Philosophy 45.

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Requisite: Religion 22, or Philosophy 11 or 17, or consent of the instructor. Elective for Juniors. First semester. Omitted 1966-67. Professor Pemberton.

61. Topics in Philosophy. Recent philosophical accounts of perception. The views of Austin, Wittgenstein, and others, on such matters as the causal theory of perception, phenomenalism, reconstructions of knowledge, seeing vs. 'seeing as', unconscious perception, and certain aspects of behaviorism will be sifted. Formerly Philosophy 71.

Requisite: two courses in philosophy or the consent of the instructor. Elective for Juniors. First semester. Professor Barnes.

62. Topics in Philosophy. Current philosophical analyses of questions about language. Particular attention to such issues as: the concept "rule of grammar," meaning and reference, meaning and translation, verbal behavior. Study of writings representative of the Positivist and Ordinary Language philosophies. Formerly Philosophy 72.

Requisite: two courses in philosophy or the consent of the instructor. Elective for Juniors. Second semester. Professor Epstein.

77. Conference Course. Required of candidates for honors in philosophy. The writing of an original essay on a topic chosen by the student and approved by the Department.

Elective for Seniors. First semester. The Department.

D78. Conference Course. Required of candidates for honors in philosophy. A continuation of Philosophy 77. A double course.

Elective for Seniors. Second semester. The Department.

97. Special Topics. Independent Reading Course. Reading in an area selected by the student and approved in advance by a member of the Department.

Requisite: two courses in philosophy, or one course passed with a grade of 83 or better, and the consent of the instructor. First semester.

98. Special Topics. Independent Reading Course. Same as Philosophy 97. Second semester.

PHYSICAL EDUCATION

Professors Lumley, McCabe, Ostendarp, Richardson, Rostas and Wilson; Associate Professor Dunbar; Assistant Professors Mehr, Scandrett, Serues and Thurston; Mr. Van Petersilge

Complete physical examination, physical fitness tests, special exercises for individual development and a program of instruction and participation in team games and sports. Required for Freshmen and Sophomores and men who have not met the department standards in swimming, fitness, team games, and recreational sports.

PHYSICS

Professors Arons,* Benson, Soller, Towne and Romer; Associate Professors Dempsey and Gordon; Assistant Professor Duffy

Major Program. The minimum course requirements for a major in physics are as follows:

Classes of 1967, 1968: Mathematics 1, 2, 3, 31. Physics 1, 2, 24, 31, 51, 52 and 22 or H55, H56.

Class of 1969: Mathematics 1, 2 and either 3, 31 or 12, 21; Chemistry 31, Physics 1, 2, 24, 31, 51, 52 and 22 or H55, H56.

Attention is called to the fact that those students who have already taken Mathematics 3 must complete their requirement by taking Mathematics 31 which is being offered for the last time in 1966-67.

Class of 1970: Mathematics 11, 12, 21, H23, Chemistry 31, Physics 13, 14, 22, 26, 27, 33.

In addition, all physics majors will attend the Physics Seminar during their junior year, and will participate actively in it in the senior year. Starting with the Class of 1968, majors will be required to demonstrate ability in computer programming. Students should consult the Department for information concerning the various ways this requirement can be satisfied. A major must take two written comprehensive examinations, one near the end of the first semester, one soon after spring vacation in the senior year. The first examination will test general understanding at approximately the level of Physics 14 (or 24). The second will call for comprehension at the more sophisticated level of the junior and senior courses.

Problems of Inquiry 3 is not required of physics majors and is not recommended for students who are taking or have taken Physics 13 or 13s. (However, some students who plan to take Physics 13 or 13s may be advised to take Problems of Inquiry 3 before taking Physics 13.)

Honors Program. The course requirements for a major with honors are the specific courses listed above, plus Mathematics 22 (or 32), Physics 58, 77 and 78. (For students intending to make a career in physics, Physics 73 and 75 are strongly recommended.) At the end of the first semester of the senior year, the student's performance on the first comprehensive examination, together with his progress on his honors problem will determine the advisability of his being allowed to continue the honors program.

Any student considering a major in physics should seek the advice of a member of the Department as early as possible in order to work out a program best suited to his interest and ability, whether he is considering a career in physics, engineering, secondary school science teaching, one of the inter-science fields such as biophysics, or a non-scientific career. Mathe-

*On leave 1966-67.

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matics 11 must be taken no later than the first semester of freshman year to complete an honors major and no later than the first semester of sophomore year to complete a rite major. Students interested in majoring in biophysics should consult the separate biophysics listing.

The aim of honors work in physics is to provide an opportunity for the student to develop under faculty direction his ability and interest in individual investigation, and his skill in experimental or theoretical techniques. The primary fields of experimental research in progress in the department are low temperature physics, nuclear magnetic resonance, mass spectrometry and oceanography. In addition, however, experimental equipment is available for work in some phases of magnetism, ultrasonics, optics, electronics, and atomic and nuclear physics. The student is given facilities to review the literature in the field chosen, to design, construct and assemble his experimental equipment, to perform experiments, and finally to prepare a thesis, which is due in May. During the spring, he will also present his work in the Physics Seminar, and at the end of the second semester, he will take an oral examination, in addition to the written comprehensive examinations required of all physics majors (see above). This oral examination is devoted primarily to the student's thesis and to questions suggested by his work on the written comprehensive examinations.

The departmental recommendation for the various degrees of honors will be based on the student's record in the Department, the honors work, and the comprehensive and oral examinations.

Distribution Sequences. Physics 11, 12 constitute a two-semester sequence intended primarily for non-science majors. Mathematics 11, Physics 13 constitute a two-course sequence and Mathematics 11, Physics 13, 14 a three-course sequence. None of these sequences is open to students who have completed Science 1-2 in the former curriculum.

Physics 23 and Physics 24 are the only physics courses open to students after taking Science 1-2 or Physics 5. Prospective candidates for medical school who need an additional physics course must arrange to take either Physics 23 or Physics 24 during 1966-67. Students who have taken Science 1-2 or Physics 5 will be ineligible for more advanced courses in physics unless they take Physics 24 in 1966-67.

11. Concepts and Methodology in Physics. Topics are selected from mechanics in such a way as to develop an understanding of the ideas which led to Newton's formulation of the laws of mechanics and the theory of gravitation and thence to indicate the impact which the Newtonian synthesis has had on the subsequent development of science and philosophy. Selected topics from electricity and optics are then introduced and, combined with the previously developed topics in mechanics, are used to show how we have arrived at our present conception of the structure of matter. Topics selected from analytic geometry and the calculus will be introduced through-

out the course in such a way as to show how this science has arisen as a powerful independent discipline and how its tools, in turn, have profoundly influenced the development of physical science. Four hours of lecture and discussion and one two-hour laboratory per week.

Requisite: Problems of Inquiry 3 or 3s. Elective for Sophomores. First semester. Not open to students who have completed Science 1-2 or Physics 5 in the former curriculum. Omitted 1966-67. Professor Arons.

12. Concepts and Methodology in Physics. The second semester of the course outlined above under Physics 11.

Omitted 1966-67. Professor Arons.

13. Introductory Physics. Kinematics in three dimensions; Newton's laws of motion; the conservation of linear momentum and energy; rotational kinematics and dynamics; angular momentum; the motion of charged particles in electric and magnetic fields. Three hours of lecture, one hour of discussion and one three-hour laboratory per week.

Requisite: Mathematics 11 or its equivalent. Elective for Freshmen. Not open to students who have completed Science 1-2 or Physics 5 in the former curriculum. (Students who have not had high school physics should consult with the Department and may be advised to take Problems of Inquiry 3 before entering Physics 13.) First semester. Professors Towne, Gordon and Romer.

13s. Introductory Physics. Same course description as Physics 13.

Second semester. Professor Gordon.

14. Introductory Physics (second part). Development of elementary field concepts of electricity and magnetism; behavior of transient d-c and a-c electrical circuits; analysis of the experimental evidence supporting a belief in the existence of electrons, photons and other elementary particles, Rutherford's concept of the nucleus, and the Bohr model of the atom; origins of nuclear physics. Three hours of lecture, one hour of discussion and one three-hour laboratory per week.

Requisite: Physics 13 or 13s. Elective for Freshmen. Not open to students who have completed Science 1-2 or Physics 5 in the former curriculum. Second semester. Professors Benson, Romer and Towne.

14f. Introductory Physics (second part). Same course description as Physics 14.

First semester. Omitted 1966-67.

H21. Experiments in Modern Physics. This course is designed to introduce the student to some of the important tools of modern experimental physics. Included in the course will be experiments with the mass spectrometer, omegatron, beta-ray spectrometer, Stern-Gerlach apparatus, nuclear magnetic resonance spectrometer, laser beam, and nuclear counting equipment.

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Special emphasis will be placed on high vacuum techniques and methods of detecting and measuring radio-activity. One class meeting and one four-hour laboratory per week. A half course.

Requisite: Physics 14 or 14f or 24. Elective for Sophomores. First semester. Omitted 1966-67.

22. Electrical Measurements and Electronics. Assigned reading, problems and laboratory work dealing with electrical and magnetic measurements, d-c, and a-c circuits, vacuum tube and transistor electronics. In special cases experiments may be selected to fit the needs of individual students. Two hours of lecture and two four-hour laboratories per week.

Requisite: Physics 14 or 14f and Mathematics H23, or Physics 24. Offered for the first time in 1967-68. Replaces Physics 55, 56 in the former curriculum. Elective for Sophomores. Second semester. Omitted 1966-67.

23. Special Intermediate Physics. A course designed primarily for students not majoring in the physical sciences, extending the work done in Science 1, 2 and discussing more fully such topics as periodic motion, electricity and magnetism, electronics, and atomic and nuclear physics. Four hours of lectures and discussion, and one three-hour laboratory period per week.

Requisite: Science 1-2, or Physics 5 of the former curriculum. Elective for Sophomores. Offered for last time in 1966-67. First semester. Professor Benson.

24. Intermediate Physics. An introduction to mathematical methods of solution of one-dimensional motion problems of classical mechanics; development of elementary field concepts of electricity and magnetism; behavior of transient d-c, and a-c, electrical circuits; analysis of coupled oscillators. The associated laboratory stresses the unity of theory and experiment by providing opportunities to check the behavior of practical apparatus against theoretical predictions for the idealized counterparts. Four hours of lectures and discussion and one three-hour laboratory period per week.

Requisites: Science 1-2 or Physics 5; Mathematics 3 or 12f, unless exception is granted in advance by the instructor. Elective for Sophomores. Offered for the last time in 1966-67. Second semester. Professor Dempsey.

26. Mechanics. Solution of problems in one-dimensional motion; central forces; the two-body problem; rotating frames of reference; special relativity. Four class hours per week.

Requisite: Physics 14 or 14f, Mathematics 21 or 21s, Mathematics H23. Elective for Sophomores. Replaces Physics 51 in the former curriculum. Second semester. Omitted 1966-67.

27. Wave Phenomena. Same course description as Physics 52.

Requisite: Physics 14 or 14f, Mathematics 21 or 21s, Mathematics H23. Elective for Sophomores. Replaces Physics 52 in the former curriculum. First semester. Omitted 1966-67.

31. Modern Physics. Twentieth century developments in physics. Photo-electric effect, Bohr's quantum theory, atomic spectra and the vector model of the atom, x-rays, selected topics in nuclear physics, special theory of relativity. Four hours of lectures and discussion, and one three-hour laboratory period per week.

Requisite: Physics 24. Elective for Sophomores. To be offered for the last time in 1967-68. First semester. Professors Gordon and Duffy.

33. Modern Physics. Twentieth century developments in physics. Photo-electric effect, Bohr's quantum theory, atomic spectra and the vector model of the atom, x-rays, selected topics in nuclear physics, introduction to Schrödinger wave mechanics. Four hours of lectures and discussion and one three-hour laboratory per week.

Requisite: Physics 26. Corequisite: Physics 27. Offered for the first time in 1968-69. Replaces Physics 31 in the former curriculum. First semester.

34. Solid State Physics. Selected aspects of the behavior of solids, emphasizing those features which can be understood with simple models. Lattice vibrations and the Debye theory of specific heats, thermal conductivities, dielectric behavior, magnetic properties of diamagnetic, paramagnetic, and ferromagnetic solids, the free electron model of metals, elementary band theory, semi-conductors, superconductivity. Four class hours per week.

Requisite: Physics 31 or 33. Second semester. Professor Romer.

51. Mechanics. Newtonian dynamics from a vector point of view. Special emphasis is placed upon central force motions, the two body problem, and moving reference frames. Lagrange's equations and generalized co-ordinates. Four hours of lectures and discussion per week.

Requisites: Physics 24, concurrent registration in Mathematics 31 or 21. Elective for Sophomores. Offered for the last time in 1967-68. To be replaced by Physics 26. First semester. Professor Dempsey.

52. Wave Phenomena. General characteristics of wave motion approached through the wave equation and the solution to boundary value problems. Energy relationships, diffraction, interference, reflection, refraction and polarization. Normal modes and eigenfunction expansions. Each phenomenon will be discussed in the context of either optics or acoustics depending upon the relative importance of its applications in the two fields. Four class hours per week and occasional laboratories.

Requisites: Physics 24, Math 31 or 21, or 21s. Elective for Sophomores. Offered for the last time in 1967-68. To be replaced by Physics 27. Second semester. Professor Duffy.

H55. Experimental Physics. Physics H55 and H56 together constitute a laboratory course which runs throughout the year. Assigned reading, problem and laboratory work dealing with electrical and magnetic measurements, d-c and a-c circuits, vacuum tube and transistor electronics. In special cases,

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experiments may be selected to fit the needs of individual students. One class meeting and one four-hour laboratory period per week. A half course.

Requisite: Physics 24. Elective for Sophomores. Offered for the last time in 1966-67. To be replaced by Physics 22. First semester. Professor Soller.

H56. Experimental Physics. Course description is given under Physics H55. One class meeting and one four-hour laboratory period per week. A half course.

Requisite: Physics H55. Elective for Sophomores. Offered for the last time in 1966-67. To be replaced by Physics 22. Second semester. Professor Soller.

58. Electromagnetic Theory. A development of Maxwell's electromagnetic field equations and some of their consequences. Electrostatics, potential theory, static magnetic fields, macroscopic theory of dielectric and magnetic materials, Poynting's theorem, electromagnetic waves, radiation from an accelerated charge. Some topics from solid-state physics. Four class hours per week.

Requisites: Either Physics 51 or 26 and concurrent registration in Mathematics 32 or 22. Second semester. Professor Benson.

73. Analytical Dynamics and Wave Mechanics. Lagrangian and Hamiltonian formulations of classical mechanics. Calculus of variations and Fourier integral analysis. Quantum mechanical expectation values, Ehrenfest's theorem, uncertainty principles. Eigenfunctions of square potentials, harmonic oscillator, hydrogen atom. Four class hours per week.

Requisites: Mathematics 32 or 22; Physics 51 or 26; Physics 52 or 27. Elective for Juniors. First semester. Professor Towne.

74. Quantum Mechanics. Time evolution of states, approximation techniques, electron spin, the exclusion principle, scattering theory, transformation theory. Four class hours per week.

Requisite: Physics 58, 73. Elective for Juniors. To be offered for the first time in 1967-68. Second semester.

75. Thermodynamics and Statistical Mechanics. First, second and third laws of thermodynamics with applications to various physical systems. Phase transitions. Applications to low temperature physics, including superconductors and liquid helium. Introductory kinetic theory and statistical mechanics. Applications of Fermi-Dirac and Bose-Einstein statistics. Four class hours per week.

Requisites: Mathematics 31 or 21, Physics 31 or 33. Starting in 1968-69, Chemistry 31 or 31s will also be a prerequisite, and more advanced material will be added to this course. First semester. Professor Duffy.

77. Honors Course. Individual, independent work on some problem, usually in experimental physics. Reading, consultation and seminars, and laboratory work.

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Elective for Seniors who have been admitted to the honors program. First semester. The Department.

D78. Honors Course. Same course description as Physics 77. A double course.

Requisite: Physics 77. Second semester. The Department.

97, H97, 98, H98. Special Topics. Independent Reading Course. Full or half course.

First and second semesters.

POLITICAL SCIENCE

Professors Latham* and Ziegler; Associate Professor Kateb; Messrs. Arkes, Boettiger and Dinkelspiel

Major Program. A major in political science consists of nine courses in political science. Political Science 11 or 11s is a prerequisite for all majors, and for non-majors satisfying a distribution requirement in political science.

There are four major study areas within the Department as follows: American government, comparative politics, international relations and political theory. The *basic courses* in each of these divisions are, respectively, Political Science 21; Political Science 25; Political Science 26; and Political Science 28. Other courses in the American field are Political Science 31, 32, 33s, 41, 42, 43s, 48, and 52. Other courses in the comparative field are Political Science 44 and 54. Other courses in the international field are Political Science 46 and 57. Other courses in the theory field are Political Science 48, 49, and 59. Five of the nine courses required for a major in political science must be Political Science 11 or 11s and the four basic courses in the indicated divisions. Majors in the Department may wish to take Problems of Inquiry 2, but are not required to do so.

Rite majors are required to take a conference course (seminar) in the Department. In addition, rite majors except those in the class of 1967 are required to take Political Science 75 in their senior year. This course does not satisfy the conference course requirement for rite majors.

All majors in political science are required to pass a comprehensive examination in political science in the spring of their senior year. This examination will cover the discipline as a whole and will be written or oral or both written and oral as the Department may prescribe.

Honors Program. The honors program is designed to provide qualified students in political science with full opportunity for independent research and writing. Candidates for honors in political science will take Political Science 77 and 78. Political Science 77 will count as a double course and will be

*On leave first semester 1966-67.

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conducted as a seminar, but tangible work must also be done on the honors thesis. Evidence of tangible work will be the submission of a substantial number of pages of the honors thesis by the end of the Christmas recess. Prospective candidates for honors in political science will consult with the Department in their sixth semester on the selection of topics for honors theses. Political Science 78 will count as a full course.

Distribution Sequences. Non-majors satisfying a two course distribution requirement in political science will take Political Science 11 or 11s and one of the basics. Those satisfying a three-course distribution requirement in the Department may take the third course in the same field as the basic elected, or may take another basic as the third course. Members of the class of 1969 who have taken Political Science 21 or 21s (now Political Science 11 or 11s) as freshmen must, in order to satisfy the distribution requirement in political science, take a basic and another course in the same field as the basic, or two basics. Non-majors not satisfying a distribution requirement in political science may, in their junior and senior years, elect any course in the Department with the consent of the instructor.

11. Introduction to Political Science. An analytical treatment of the role of politics in human society. Attention will be given to the theoretical and historical bases of political institutions, the social roots of political behavior, and the characteristics of the political process. Three class meetings per week. Formerly Political Science 21.

Elective for Freshmen. First semester. Professor Kateb.

11s. Introduction to Political Science. Same description as above.

Second semester. Professor Latham.

21. American Government. An introduction to the major problems of American democracy; their political, economic and social implications and their historical evolution. Politics and administration in their relation to constitutional government, federalism, suffrage, governmental functions, etc. Four class meetings per week. Formerly Political Science 31.

Elective for Sophomores. First semester. Professor Ziegler.

25. Comparative Politics: Europe. A comparative study of some of the major political systems of Europe. Particular attention will be given to the understanding and use of basic concepts in comparative political analysis such as political culture and political style; to the historical and cultural factors influencing the shape of political institutions; and to cross-national comparisons of political structures and functions such as cabinets and economic planning systems. Three class meetings per week. Formerly Political Science 23.

Elective for Sophomores. First semester. Mr. Dinkelspiel.

26. World Politics and American Diplomacy. A study of conflict and cooperation in contemporary international relations, with particular attention

given to the role of American foreign policy. Subjects considered will include: historical continuity and change; the instruments and goals of diplomacy; the uses and vicissitudes of alliances, regional organizations, and the United Nations; and the causes of war and conditions of peace. Three class meetings per week. Formerly Political Science 29.

Elective for Freshmen. Second semester. Mr. Boettiger.

28. Political Theory from Hobbes to the Present. A study of some of the major writers who have dealt with questions of political practice and political morality in a systematic way. Three class meetings per week. Formerly Political Science 58.

Elective for Freshmen. Second semester. Professor Kateb.

31. Political Parties. The role of people, parties and pressure groups in the politics of American democracy. Attention will be devoted to: campaign activities of the candidates; party support for the candidates; voting behavior; sectional and historic roots of national politics; the institutional politics of Congress and the Presidency; the competition for power among business, labor, agriculture, and the other major organized interests. Classroom work plus participation and further work in political campaigns. Three class meetings per week. Formerly Political Science 27.

Elective for Sophomores. First semester. Mr. Arkes.

32. State and Urban Problems. Examination of state and urban problems resulting from contemporary patterns of growth and development; systematic study of state and local political environments in which urban problems are resolved; discussion of the roles played by political officials in these varying political environments. Formerly Political Science 50.

Elective for Sophomores. Second semester. Omitted 1966-67. Mr. Arkes.

33s. Public Opinion. The role of public opinion in the politics of American democracy. Attention will be devoted to: measurement of opinion; the psychological organization of attitudes; the social and cultural sources of opinion; the rise, content, and impact of the mass media; politics in an era of mass communications. Classroom work plus participation in the design, administration and analysis of an opinion survey. Three class meetings per week. Formerly Political Science 71.

Elective for Sophomores. Second semester. Mr. Arkes.

41. American Constitutional Development. The development of American constitutional philosophy since 1787 under three general heads: the Agrarian Constitution, the Laissez-Faire Constitution, and the Welfare Constitution. Topics will include the Marshall and Taney eras, constitutional problems of slavery, the Civil War and Reconstruction, the constitutional foundations of 19th century capitalism, constitutional problems of federal and state regulation, civil liberties in the 20th century, the constitutional crisis of 1935-1937, and current problems of constitutional interpretation. Attention will be given to the judicial philosophies of the Federalist and

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Jacksonian judges, Field, Miller, Waite, Harlan, Holmes, Brandeis, Stone, Black, and Frankfurter. Three class meetings per week. Formerly Political Science 25.

Elective for Sophomores. First semester. Omitted 1966-67. Professor Latham.

42. Administrative Law. An introduction to the American system of legal control exercised by other law administering agencies than the courts, with special reference to doctrines developed by the Interstate Commerce Commission, Securities and Exchange Commission, Federal Trade Commission, and the National Labor Relations Board. The course deals with the formulation of legislative purposes and administrative policies; administrative and judicial responsibilities for the enforcement of agency programs; and the nature and extent of judicial control over administrative action. Three class meetings per week.

Elective for Sophomores. Limited to 25 students. Second semester. Omitted 1966-1967. Professor Ziegler.

43s. The Administration of Public Policy. An introduction to the problem of bureaucracy in American government with attention to social factors that shape and condition administrative structures; group behavior in administrative agencies; the theory of organization in its formal and informal aspects; the political setting of public administration; problems involved in the formulation of American foreign policy. Three class meetings per week. Formerly Political Science 41.

Elective for Sophomores. Second semester. Mr. Arkes.

44. Comparative Politics: Developing Areas. An analysis of the distinctive characteristics of politics in Asian, African and Latin American countries. Particular attention will be given to an examination of the ways in which different nations have tried to solve the political problems of rapid social change and modernization; and to the development of concepts adequate to the understanding of the types of political systems and behavior peculiar to developing areas. Three class meetings per week. Formerly Political Science 24.

Elective for Sophomores. Second semester. Mr. Dinkelspiel.

46. International Law. The historical basis and present trends in the development of international law will be discussed and related to the social, economic, and political aspects of present day world politics and government. Four class meetings per week. Formerly Political Science 44.

Elective for Sophomores. Second semester. Professor Ziegler.

48. American Political Thought. A study of some of the major political ideas which have been formulated in response to American conditions from colonial times to the present. Connections with European thought will also be discussed. Three class meetings per week. Formerly Political Science 56.

Elective for Sophomores. Second semester. Professor Kateb.

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49. Political Theory from Plato to Machiavelli. A study of some of the major writers who have dealt with questions of political practice and political morality in a systematic way. Readings and discussion. Three class meetings per week. Formerly Political Science 57.

Elective for Sophomores. First semester. Professor Kateb.

52. Problems in Public Policy and Administration. Selected topics in public policy and administration. Conference course. Formerly Political Science 48.

Elective for Juniors. Limited to twenty-five students with the consent of the instructor. Second semester. Professor Latham.

54. Comparative Politics: Selected Topics. An intensive examination of a selected topic in comparative politics. The topic will focus on aspects of politics that are critical in the functioning of a variety of political systems, such as the problems of coalition governments; the politics of economic development; political socialization; authoritarian tendencies in new nations; the nature of functional political cultures. Conference course. Formerly Political Science 45s.

Elective for Juniors. Limited to fifteen students with the consent of the instructor. Second semester. Mr. Dinkelspiel.

57. Problems in International Politics. Some issues of current importance are considered from the perspectives of alternative theoretical conceptions of international relations and foreign policy. Topics will include: international communism and the Sino-Soviet dispute; the proliferation of nuclear weapons; and the politics and ethics of intervention. One two-hour seminar per week. Conference course. Formerly Political Science 46.

Elective for Juniors. Limited to fifteen students with the consent of the instructor. First semester. Mr. Boettiger.

59. Contemporary Political Thought. A study of some of the major writers who have tried to come to terms with the political features of modernity. Among those read are the radical Romantics; the existentialists; the inheritors of Marx and Freud; and the positivists and their enemies. Conference course.

Elective for Juniors. Limited to fifteen students with the consent of the instructor. First semester. Omitted 1966-67. Professor Kateb.

75, 76. Senior Rite Seminar.

First and second semester. Omitted 1966-67. Professor Latham.

D77-78. Honors Course. Formerly Political Science 79-80. Double course, full course: totaling three full courses.

Elective for Seniors who have satisfied the necessary requirements. First and second semesters. The Department.

97, 98. Special Topics.

First and second semester.

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PSYCHOLOGY

Professors Birney,* Coplin, and Koester; Associate Professor Grose; Assistant Professors Johnson and Olver; Mr. Schneider.

Major Program. Students majoring in psychology are required to elect eight full courses in psychology or closely allied fields. No more than one or two courses may be taken in allied fields. Psychology 11 should be elected no later than the sophomore year by students who plan to major in psychology. All majors are required to elect Psychology 23 no later than the junior year.

A comprehensive examination is given to all majors during the second semester of the senior year.

Honors Program. Students who are accepted for honors work are required to complete a research project during the senior year and to pass an oral examination based upon a written thesis. Students who plan to do honors work are expected to engage in exploratory study during the second semester of the junior year for the purpose of defining the nature of the research project to be done during the senior year. Psychology 77 will count as one full course, and Psychology 78 as a double course.

Distribution Sequences. The distribution requirement in the social science division may be satisfied in psychology by the election of Psychology 11 and any full advanced course(s).

11. Introduction to Psychology. An introduction to the nature of psychological inquiry with emphasis upon alternative approaches that may be taken in the attempt to develop a body of psychological knowledge, both empirical and theoretical. Three class meetings a week and discussion section. Formerly Psychology 21.

Elective for Sophomores. First semester. Professor Koester.

11s. Introduction to Psychology. Same course as Psychology 11. Formerly Psychology 21s.

Elective for Freshmen. Second semester. Professor Koester.

20. Social Psychology. A social psychological analysis of individual and group behavior with application to selected social issues. Three class meetings a week. Formerly Psychology 41.

Requisite: Psychology 11. Elective for Freshmen. Second semester. Professor Olver and Mr. Schneider.

21. Personality. A survey of the theoretical and experimental literature of personality analysis. Emphasis is on the use of psychometric tests as research devices in the testing of personality theory. Three class meetings per week. Formerly Psychology 39.

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Requisite: Psychology 11. Elective for Sophomores. First semester. Mr. Schneider.

23. Research Design and Quantitative Methods. A study of psychological research procedures and quantitative methods, especially statistical procedures, that are used in the analysis and interpretation of findings obtained by means of experimental and empirical methods. Three class meetings a week. Formerly Psychology 45.

Requisite: Psychology 11. Elective for Sophomores. First semester. Professor Koester.

24. Cognition and Perception. A study of cognitive processes, including perceptual phenomena, with emphasis upon the techniques by which man represents his world and the consequences of representation for behavior. One two-hour seminar each week. Formerly Psychology 48.

Requisite: Psychology 11. Elective for Freshmen. Second semester. Professor Olver.

25. Learning and Behavior Theory. A study of learning research and behavior theory. Emphasis will be placed upon conditioning phenomena such as reinforcement, extinction, generalization, discrimination, etc. A laboratory project is required. One weekly seminar and laboratory period.

Requisite: Psychology 11. Elective for Sophomores. First semester. Professor Johnson.

26. Physiological Psychology. A study of selected problems dealing with the physiological foundations of behavior with emphasis upon animal experimentation. A laboratory project is required. Three class hours a week and section meetings.

Requisite: Psychology 11. Elective for Freshmen. Second semester. Professor Johnson.

27. Developmental Psychology. A study of human development with emphasis upon the general characteristics of various stages of development from birth to adolescence and upon general determinants of the developmental process. One two-hour seminar per week. Formerly Psychology 47.

Requisite: Psychology 11. Elective for Sophomores with the consent of the instructor. Limited to fifteen students. First semester. Professor Olver.

28. Abnormal Psychology. A study of the etiology and psychodynamics of psychological deviance with a focus on the psychological diagnosis and psychotherapy of the behavior disorders. Three class meetings a week. Formerly Psychology 60.

Requisite: Psychology 11. Elective for Freshmen. Second semester. Professor Coplin.

H29. Marriage and the Family. A study of biological, psychological, and sociological findings concerning premarital and marital interpersonal rela-

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tionships. Two class meetings per week. Formerly Psychology 51. A half course.

Elective for Sophomores. First semester. Professor Coplin.

30. Viewpoints and Theory. A study of basic issues in psychological inquiry with emphasis upon those which pertain to systematic and theoretical formulations. Special attention will be given to the nature of explanation and theorizing in psychology. Three class meetings a week. Formerly Psychology 56.

Requisite: Psychology 11. Elective for Sophomores and Freshmen with the consent of the instructor. Second semester. Omitted 1966-67. Professor Koester.

31. Motivation. A study of motivational determinants of behavioral phenomena with emphasis upon experimental findings. Three class hours a week. Formerly Psychology 42.

Requisite: Psychology 11. Elective for Sophomores. First semester. Omitted 1966-67.

32. Introduction to Psychoanalytic Thought. A study of psychoanalytic attempts to provide a theoretical understanding of human personality. Formerly Psychology 62.

Requisite: Psychology 11. Elective for Sophomores. Second semester. Professor Koester.

34. Educational Psychology. A psychological analysis of the educational process. The course is designed both for prospective teachers and for those who have a general interest in the field of education. One two-hour seminar a week. Formerly Psychology 43.

Requisite: Psychology 11. Elective for Sophomores with the consent of the instructor. Limited to fifteen students. Second semester. Professor Grose.

41. Psychology Seminar. Members of the department will occasionally offer seminars designed to give the student an opportunity to study a selected topic in depth. See the departmental representative for the topic of the seminar. Formerly Psychology 67.

Requisites are contingent upon the nature of the topic to be discussed. Elective for Juniors with the consent of the instructor. Limited to fifteen students. First semester. Omitted 1966-67. The Department.

42. Psychology Seminar. Same type of course as Psychology 41. Formerly Psychology 68.

Elective for Juniors with the consent of the instructor. Limited to fifteen students. Second semester. Mr. Schneider.

77, D78. Senior Honors Course. A full course and a double course.

Elective for senior majors in psychology who have received departmental approval. First and second semesters.

97, H97; 98, H98. Independent Study or Research. This course is open to qualified students who desire to engage in independent reading on selected topics or conduct research projects. Preference will be given to those students who have done good work in one or more departmental courses beyond the introductory level. A full course and a half course.

Elective for Juniors with the consent of the instructor. First and second semesters.

RELIGION

Professor B. Morgan; Associate Professors Mudge and Pemberton

Major Program. Majors in Religion are required to take Problems of Inquiry 1, Religion 11, Introduction to Religion, and seven additional semester courses in Religion or related studies approved by the Department.

All majors are required to take the comprehensive examination in Religion which will deal with the history and phenomenology of religious traditions and selected topics from the fields of Bible, religious ethics, and philosophy of religion. Further information may be obtained from the members of the Department.

Honors Program. Honors in Religion shall consist of the conference course, Religion 77, 78, taken in conjunction with a major in Religion; satisfactory fulfillment of the general honors requirements of the College; satisfactory performance in the written comprehensive examination; and the preparation and oral defense of a scholarly essay on a topic approved by the Department.

Distribution Sequences. Two-course sequences: Religion 11 and 22; Religion 13 and 14; Religion 11 and one of the following courses: Religion 14, 24, 34, 35, 37.

Three-course sequences: One of the above two-course sequences and an additional upper level religion course. With the permission of the Department, a course from another department may be included in a three-course sequence where it is relevant to a special program of study.

11. Introduction to Religion. A systematic examination of the phenomenology of religion, its social, cultural, psychological, and personal ramifications, and the facts of similarity and diversity. Two case studies from Asian and Western settings. Four class hours per week. Formerly Religion 21.

Elective for Freshmen. First semester. Professors Morgan, Mudge, Pemberton.

13. The Old Testament. Foundations of the Hebrew-Christian tradition in the history, literature, and thought of the Old Testament. Emphasis is placed both on the biblical materials themselves and on the varying methodologies

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of contemporary Old Testament interpretation. Four class hours per week. Formerly Religion 23.

Elective for Freshmen. First semester. Professor Mudge.

14. The New Testament. Foundations of the Christian tradition in the history, literature, and thought of the New Testament. Emphasis is placed both on the biblical materials themselves and the varying methodologies of contemporary New Testament interpretation. Four class hours per week. Formerly Religion 24.

Requisite: Religion 11; or 13; or consent of the instructor. Elective for Freshmen. Second semester. Professor Mudge.

22. The Western Religious Tradition. An examination of the development of Jewish and Christian thought from the Talmud and the Church Fathers to the present. Readings will include selections from the Talmud, St. Augustine, Maimonides, St. Thomas Aquinas, Dante, the Reformers, and later Jewish and Christian writers. Four class hours per week. Formerly Religion 26.

Requisite: Religion 11; or 13; or consent of the instructor. Elective for Sophomores. Second semester. Professor Pemberton.

24. Religions of East Asia. Exploration of the religions of China and Japan: Confucianism, Taoism, Shinto, and Mahayana Buddhism including the schools of Zen. Four class hours per week. Formerly Religion 44.

Requisite: Religion 11 or consent of the instructor. Elective for Sophomores. Second semester. Omitted 1966-67. Professor Morgan.

33. Philosophy of Religion. An examination of some basic religious concepts in the light of philosophical analysis. Among topics to be considered are the nature and status of religious knowledge, the existence and nature of God, and some religious views of human nature and conduct. Same course as Philosophy 33. Three class hours per week. Formerly Religion 45.

Requisite: Religion 22; or Philosophy 11 or 17; or consent of the instructor. Elective for Juniors. First semester. Omitted 1966-67. Professor Pemberton.

34. Religion in America. An examination of the intellectual and social history of religion in America, and its interaction with the changing cultural setting. Intensive study of selected problems in papers and seminars. Same as American Studies 34. Three class hours per week. Formerly Religion 48.

Requisite: Religion 11 or consent of the instructor. Elective for Juniors. Second semester. Omitted 1966-67. Professor Morgan.

35. Contemporary Religious Thought. An analysis of selected nineteenth and twentieth century religious and secular writers whose thought reflects in criticism and constructive statement the "religious situation" in contemporary Western culture. The readings will be chosen from such writers as Dostoevski, Nietzsche, Kierkegaard, Feuerbach, Freud, Camus, Sartre, Mar-

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cel, Buber, Bonhoeffer, Maritain, Dewey, Niebuhr and Tillich. Three class hours per week. Formerly Religion 49.

Requisite: Religion 11 or consent of the instructor. Elective for Juniors. First semester. Professor Pemberton.

37. Christian Social Ethics: Structure and Practice. A critical study of ethical teaching and practice in the biblical and church tradition, and of their contribution to a constructive Christian ethic in such areas as power politics, economic life, the meaning of sexuality, the "crisis in communication," and the meaning of racial and cultural difference. Representative Roman Catholic and Protestant theologians. Three class hours per week. Formerly Religion 52.

Requisite: Religion 11 or consent of the instructor. Elective for Juniors. First semester. Professor Morgan.

62. Topics in Religion: Studies in Religion and Society. Reading, research, reports, and papers on the relationship between religion and society, beginning with Troeltsch, Weber, and Durkheim.

Elective for Juniors with the consent of the instructor. Limited to ten students. Second semester. Professor Morgan.

77. Conference Course. Required of candidates for honors in religion: Preparation and oral defense of a scholarly essay on a topic approved by the Department. Detailed outline of thesis and adequate bibliography for project required before Thanksgiving; preliminary version of substantial portion of thesis by end of semester.

Elective for Seniors with the consent of the instructors. First semester. The Department.

D78. Conference Course. Required of candidates for honors in religion: A continuation of Religion 77. A double course.

Elective for Seniors with the consent of the instructors. Second semester. The Department.

97. Special Topics. Independent Reading Course. Reading in an area selected by the student and approved in advance by a member of the Department.

Requisite: One course in religion passed with a grade of 83 or better, and the consent of the instructor. First semester. The Department.

98. Special Topics. Independent Reading Course. Same as Religion 97. Second semester. The Department.

RUSSIAN

Assistant Professor Radley; Mr. Kuhn

Major Program. The major must take six full courses where all reading is done in Russian: if he is a beginner Russian 1, 2, 3, 4, 11, 12; if he is ad-

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mitted with advanced standing, and needs only four or three or two of the above, he may fill out his program with appropriate advanced Russian-language courses such as Russian 25, 26, 27, 28 or courses of the same level at any of the three neighboring institutions.

The major will take in addition two more full courses where the reading need not be done in Russian, such as Russian 13, 14, 15, 16. He is also strongly urged to take History 41-42, or read a good history of Russia.

The major will take a comprehensive examination in his senior year.

Honors Program. In addition to the above the honors candidate must take Russian 77-78 in his senior year and must prepare a 50-page thesis on a topic approved by the Department.

Distribution Sequences. Two-course requirement: Russian 11-12 (for the student who has taken Russian 3-4 or its equivalent) or Russian 13-14, or Russian 15-16 (or any combination of the four).

Three-course requirement: for those who have had Russian 3-4 or its equivalent, Russian 11-12 followed by one from among Russian 25, 26, 27 and 28; for those with less than Russian 3-4 or its equivalent, Russian 13-14, followed by either Russian 15 or 16.

1. First-Year Russian. Pronunciation, grammar, oral practice. Four class sessions of grammar and two oral practice sessions per week.

Elective for Freshmen. First semester. Professor Radley.

2. First-Year Russian. Same topics as Russian 1: four class sessions of grammar and two oral practice sessions per week.

Requisite: Russian 1, or equivalent. Elective for Freshmen. Second semester. Professor Radley.

3. Second-Year Russian. Review of grammar and pronunciation. Reading and analysis of selected texts, fictional and non-fictional. Four grammar sessions and one oral practice session per week.

Requisite: Russian 2, or equivalent. Elective for Freshmen. First semester. Professor Kuhn.

4. Second-Year Russian. Reading of literary and scientific texts from the 19th and 20th centuries. Four grammar sessions and one oral practice session per week.

Requisite: Russian 3, or equivalent. Elective for Freshmen. Second semester. Professor Kuhn.

11. Readings in Russian Literature. The aim of this course is to develop fluency and accuracy in understanding fairly difficult prose, both fictional and non-fictional. Emphasis will fall on the nineteenth century novel and short story. Three classroom sessions per week. Formerly Russian 5.

Requisite: Russian 4, or equivalent. Elective for Freshmen. First semester. Professor Kuhn.

12. Readings in Russian Literature. Continuation of Russian 11. Soviet texts will also be included. Formerly Russian 6.

Requisite: Russian 11, or equivalent. Elective for Freshmen. Second semester. Professor Kuhn.

13. Survey of Russian Literature, Part I. From the beginnings to Turgenev and Goncharov. All readings in English. Three class sessions per week.

Elective for Freshmen. First semester. Professor Radley.

14. Survey of Russian Literature, Part II. From Dostoevsky and Tolstoy to the present. All readings in English. Three class sessions per week.

Elective for Freshmen. Second semester. Professor Radley.

15. Dostoevsky. A study of representative early works and the major novels. All readings in English. Alternates with Russian 25. Three class sessions per week.

Elective for Freshmen. First semester. Professor Kuhn.

16. Tolstoy. A study of his most important stories, novels and essays. All readings in English. Alternates with Russian 26. Three class sessions per week.

Elective for Freshmen. Second semester. Omitted 1966-67. Professor Kuhn.

25. Selected Works of Dostoevsky. All readings in Russian. Alternates with Russian 23. Three class sessions per week.

Requisite: Russian 11-12, or consent of the instructor. Elective for Sophomores. First semester. Omitted 1966-67. Professor Kuhn.

26. Selected Works of Tolstoy. All readings in Russian. Alternates with Russian 24. Three class sessions per week.

Requisite: Russian 11-12, or consent of the instructor. Elective for Sophomores. Second semester. Professor Kuhn.

Russian 15 and 25, and 16 and 26 will be given in alternate years, in such a way that the student may in one year take one course whose reading is done in English and one whose reading is done in the original: i.e. in one year Russian 15 and 26 will be given, while in the next 16 and 25 will be offered.

27. Golden Age of Russian Poetry, 1800-40. Reading and analysis of poems by Pushkin, Lermontov, Baratynsky, Tyutchev. All readings in Russian. Three class sessions per week.

Requisite: Russian 11-12, or the consent of the instructor. Elective for Sophomores. First semester. Professor Radley.

28. Seminar on One Major Russian Writer. The topic will vary from year to year, but will be other than Tolstoy or Dostoevsky. For 1966-67 the topic will be Gogol. All readings in Russian. One two-hour and one one-hour session per week.

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Requisite: Russian 11-12 or the consent of the instructor. Elective for Sophomores. Second semester. Professor Radley.

77. Senior Honors Course. Meetings to be arranged.

Open to, and required of, seniors writing a thesis. First semester. The Department.

78. Senior Honors Course. Meetings to be arranged.

Open to, and required of, seniors writing a thesis. Second semester. The Department.

97, 98. Special Topics.

First and second semesters. Professor Radley.

SPANISH

Professor Johnson; Associate Professor Cannon;* Assistant Professor Rinander; and assistants.

Major Program. All majors must elect the equivalent of eight full courses including Spanish 7s, 11 (11s), and at least one course from each of the following areas: Golden Age, Modern Spain, Spanish America. In certain cases of demonstrated proficiency, Spanish 7s may be waived. Advanced placement may be accepted as a substitute for Spanish 11 (11s) and will be allowed full course credit toward the major. A maximum of four half courses can be included for credit in the elections. This course program may, in exceptional cases, be adjusted.

The comprehensive examination required of all majors is given in May of the senior year. A reading list will be furnished to aid in preparation for the examination.

Spanish 1 and 3 will not count toward the rite major. Spanish 1, 3 and 5 will not count toward the major for honors candidates.

In addition, candidates for departmental honors must present a thesis and sustain an oral examination on the thesis.

Course programs for a joint major in Spanish and French, or Spanish and Italian are arranged in consultation with the instructor in these languages.

Distribution Sequences. The following courses are recommended for distribution sequences: 11, 22; 11, 24; 11s, 23; 11s, 21. Three-course distribution sequences may be arranged in consultation with the Department.

1. Elementary Course. Three hours a week for explanation and demonstration, and four hours a week in small sections for oral and aural practice.

Elective for Freshmen. First semester. Professor Johnson and assistant.

*On leave 1966-67.

3. Intermediate Course. Review of grammar; oral practice. Reading and analysis of selected texts. Three hours per week for explanation and demonstration, three hours per week in small sections and the laboratory.

Elective for Freshmen. First semester. Professor Rinnander and assistant.

3s. Intermediate Course. Same description as above.

Second semester. Professor Johnson.

5. Advanced Course. The purpose of this course is to complete the student's training in reading and in aural comprehension, and to work toward a control of the fundamentals of oral and written expression. Reading of significant fiction, plays, and essays from the modern period. Three hours per week in class and three hours per week in small sections and laboratory for oral and aural drill. Conducted in Spanish.

Elective for Freshmen. First semester. Professor Johnson and assistant.

5s. Advanced Course. Same description as above.

Second semester. Professor Rinnander and assistant.

7s. Composition and Conversation. A review of Spanish grammar with practice in set translation and free composition; oral reports on selected topics. Five hours per week of classroom and section work. Formerly Spanish 10.

Requisite: Satisfaction of the language requirement in Spanish. Elective for Freshmen. Second semester. Professor Rinnander.

11. Introduction to Hispanic Civilization. Study and discussion of such texts as the *Lazarillo* and a modern novel; *Fuenteovejuna* and *Bodas de sangre*; romances and other kinds of poetry. Conducted in Spanish. Three hours of classroom work per week. Formerly Spanish 7.

Requisite: Satisfaction of the language requirement in Spanish. Elective for Freshmen. First semester. Professor Johnson.

11s. Introduction to Hispanic Civilization. Same description as above.

Second semester. Professor Rinnander.

21. Spanish Drama of the Golden Age. Close reading of selected plays by the major dramatists of the XVIIth century: Lope de Vega, Calderón de la Barca, Tirso de Molina, and others. Comparison to related French and English works. Conducted in Spanish. Three hours of classroom work per week.

Requisite: Spanish 11 (11s). Elective for Freshmen. First semester. Professor Rinnander.

22. Spanish American Literature. Reading and discussion of the poetry and prose of such writers as Ercilla, Echeverría, Bello, Sarmiento, Gallegos, Güiraldes, Borges. Conducted in Spanish. Three hours of classroom work per week. Formerly Spanish 22.

Requisite: Spanish 11 (11s). Elective for Freshmen. Second semester. Professor Johnson.

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23. Cervantes. A study of the major prose works of Cervantes and their relation to the Golden Age. Emphasis on *Don Quijote de la Mancha*. Conducted in Spanish. Three hours of classroom work per week. Formerly Spanish 26.

Requisite: Spanish 11 (11s). Elective for Freshmen. First semester. Omitted 1966-67. Professor Rinnander.

24. Spanish Literature Since 1898. A study of major writers in their cultural context. Particular authors considered will vary from year to year, but special attention will ordinarily be given to Unamuno, Ortega, Machado, and Lorca. Conducted in Spanish. Three hours of classroom work per week. Formerly Spanish 21.

Requisite: Spanish 11 (11s). Elective for Freshmen. Second semester. Omitted 1966-67. Professor Cannon.

H30. The Spanish Mystics. A study of the growth and development of Spanish mysticism, with emphasis on Santa Teresa de Jesús and San Juan de la Cruz. Conducted in Spanish. Two hours of classroom work per week. A half course.

Requisite: consent of the instructor. Second semester. Omitted 1966-67. Professor Cannon.

77. Conference Course for Seniors.

First semester.

D78. Conference Course for Seniors. A double course.

Second semester.

97, H97, 98, H98. Special Topics. A full or half course.

First and second semesters.

IV

LECTURESHIPS

HONORS

FELLOWSHIPS

PRIZES AND AWARDS

DEGREES CONFERRED

Lectureships

The Henry Ward Beecher Lectureship. This lectureship fund of \$10,000 was founded by the late Frank L. Babbott, LL.D., of the Class of 1878, in honor of Henry Ward Beecher, of the Class of 1834. The incumbent is appointed biennially by the Faculty for supplementary lectures in the departments of history and the political, social, and economic sciences.

The Clyde Fitch Fund. A fund of \$20,000 was established by Captain and Mrs. W. G. Fitch of New York in memory of their son, Clyde Fitch, of the Class of 1886. The income of this fund is to be used for the furtherance of the study of English literature and dramatic art and literature. The whole or part of this income is usually devoted to the remuneration of an eminent lecturer, who may also take a part in the regular instruction of the College.

The John Woodruff Simpson Lectureship. A fund now amounting to \$204,800 was established in memory of John Woodruff Simpson, of the Class of 1871, by his wife and daughter. The income is to be used for fellowships and "to secure from time to time, from England, France or elsewhere, scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

The George William and Kate Ellis Reynolds Lectureships. A fund of \$150,000 established by the late George W. Reynolds of the Class of 1877 provides an annual income of approximately \$10,000 which is divided into three equal parts to provide lectureships on Christ and Christianity, Science, and American Democracy.

Honors

THE PHI BETA KAPPA SOCIETY

Massachusetts Beta Chapter. The students elected to membership in this honor society are those of highest standing and are normally candidates for the degree with honors. A preliminary election of outstanding students occurs at the end of the first semester of Junior year; and further elections occur at the end of the first semester and at commencement time of Senior year. Membership is extended to about a tenth of the students in each class.

OFFICERS

President: Edwin C. Rozwenc, '37

Vice-President: Theodore Soller

Secretary-Treasurer: N. Gordon Levin

Undergraduate President: Jay David Atlas, '66

Undergraduate Secretary-Treasurer: Geoffrey Drury, '66

INITIATES

Class of 1967

John Webber Buell

Ronald Ian Clyman

Stephen Bruce Cohen

David Stifler Johnson

Shigenari Kawashima

George Harlan Nash, III

William Kai-Sheng Wang

Mark Samuel Guyer

Andrew Marshall Hamer

John Ellsworth Hart

James Howard Higbie

Jeffrey Alan Hoffman*

Stuart Earl Johnson

Gordon Messick Jones, III

John Aaron Latham

Bruce Carl Leopold

Samuel Edmond Lipskin

Eugene Culver Lozner

Andrew Knight McMahan

Lawrence Myers Mead, III

Richard Allen Miller

Thomas Gordon Plate

Eric Alan Reiner

Winslow Smith Rogers

Allen Paul Rosiny

Peter Rudd

Charles Kirby Scharnberger

John Bard Sharefkin

Neil Arthur Stillings

John Mark Vine

Class of 1966

Jay David Atlas*

William Leslie Bergman

Julian Gaskill Blake

David Sheldon Browder

John Collins Coffee, Jr.

Joseph Michael Corvino

James Starke Dittmar

Peter Williams Donovan

Geoffrey Drury*

Jeffrey Mark Fine

Robert London Fleisher

Robert Dana Gordon

David John Greenblatt

*These students elected in their Junior year.

THE SOCIETY OF THE SIGMA XI

Sigma Xi, the National Honorary Scientific Research Society, was founded in 1886; the Amherst Chapter was installed March 23, 1950. As one of its purposes the Society gives recognition to those students, members of the faculty, research associates, and alumni who have demonstrated ability to carry on constructive scientific research or who show definite promise of research ability. Other functions are the maintenance of companionship among investigators in the various fields of science, the holding of meetings for the discussion of scientific subjects, and the fostering of an interest in scientific research in the College.

Undergraduates, masters candidates, and others who show definite promise of research ability are typically recommended to associate membership by the departments concerned. In the case of undergraduates, nomination is usually given only to those students whose promise of research ability would warrant recommendation for at least a degree *magna cum laude* (entirely aside from the question of grades).^{*} At present the chapter has a total membership of some 100 faculty and students.

OFFICERS

President: Professor George W. Kidder

Vice-President: Professor Colby W. Dempsey

Secretary-Treasurer: Professor Bryce M. Hand

INITIATES 1966

Full Membership

Thomas T. Army

David Babbott

Harold Berkson

James E. Carver

Wilbur L. Hartman

Raymond L. Hayes, Jr.

Roger N. Johnson

Simmons Lessell

Robert J. Nash

Richard J. Noer

Hugh Wallace

Robert R. White, III

John W. Wilson, Jr.

William L. Bergman

Julian G. Blake

David S. Browder

Joseph M. Corvino

John S. Davis

Robert L. Fleisher

Robert D. Gordon

David J. Greenblatt

Mark S. Guyer

John E. Hart

Thomas P. Hatch

James H. Higbie

Jeffrey A. Hoffman

Jay A. Isgur

Stuart E. Johnson

John S. King, Jr.

Richard M. Klein

Associate Membership

Jay D. Atlas

^{*}Full membership is reserved for individuals who have already published at least one scholarly paper.

AMHERST COLLEGE

Albert M. Leisinger
Eugene C. Lozner
John R. MacMillan
Andrew K. McMahan
Charles Scharnberger
Sidney M. Schwab

John B. Sharefkin
Neil A. Stillings
John E. Storer, III
Ramiro Tobon
Charles B. Trask
John W. Wilson, III

THE BOND FIFTEEN

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of senior year, two speakers are selected upon the basis of literary and orational merit to deliver orations during Commencement Week End. The Bond Prize of one hundred dollars, given by Ephraim W. Bond of the Class of 1841, is awarded to the speaker who delivers the best oration.

THE BOND FIFTEEN 1966

Jay David Atlas
John Collins Coffee, Jr.
James Starke Dittmar
Geoffrey Drury
Jeffrey Mark Fine
David John Greenblatt
Andrew Marshall Hamer
Jeffrey Alan Hoffman

Gordon Messick Jones, III
John Aaron Latham
Samuel Edmond Lipskin
Lawrence Myers Mead, III
Richard Allen Miller
Peter Rudd
John Bard Sharefkin

DELTA SIGMA RHO- TAU KAPPA ALPHA

Delta Sigma Rho-Tau Kappa Alpha, a national honor society in forensics, was formed by the merging of Delta Sigma Rho and Tau Kappa Alpha in 1963. Delta Sigma Rho was founded in 1906; the Amherst Chapter was admitted to Delta Sigma Rho in 1913. Tau Kappa Alpha was founded in 1908. The purpose of the Society is to encourage sincere and effective public speaking and to recognize achievement in this field of endeavor. To qualify for membership students must have participated in intercollegiate debating and be in the top thirty-five per cent of their class. Members-at-large may be elected to recognize outstanding contributions to forensics.

GRADUATE MEMBERS

Mr. James Alfred Guest

Professor Hugh Dodge Hawkins

Fellowships

THE College's funds for fellowships aggregate \$538,000. From the income of these funds fellowships are awarded annually to graduates of Amherst College, and in some instances to graduates of other colleges, for study in graduate or professional schools. Applications should be made in writing to the Dean before March first.

The names of those to whom fellowships have been awarded for the current year will be found on pages 20-21.

The Amherst-Doshisha Fellowship. Amherst-Doshisha Fellowship at Amherst House, Doshisha University, Kyoto, Japan. An opportunity to work in a bi-cultural setting with Professor Otis Cary, Director of Amherst House, is open to young alumni of the College for a term of one, or in some cases, two years. Travel expenses and a modest stipend are paid by the College. The recipient will be given the opportunity of assisting Otis Cary in the activities of Amherst House and also in teaching English to Japanese students. No knowledge of Japanese is required.

The fellowship offers a stipend of \$1,800, a travel allowance of \$1,400, and incidental expenses of \$250. Preferably the fellowship year would be from September of one year to the following August. It carries with it formal teaching responsibilities in the English language at Doshisha University, at the freshman and sophomore level. The academic year at Doshisha has allowed all fellows to make an extended trip through South East Asia during February and March.

Applicants should apply to the President of the College, with a view to having a decision in mid-February.

The Amherst Memorial Fellowships for the Study of Social, Economic, and Political Institutions, and for Preparation for Teaching and the Ministry. A fund of \$124,900 provides fellowships to perpetuate the memory of those Amherst men who gave their lives for an ideal. The following statement expresses the purposes of the donor of these fellowships: "Realizing the need for better understanding and more complete adjustment between men and existing social, economic, and political institutions, it is my desire to establish a fellowship for the study of the principles underlying these human relationships."

Appointments to these fellowships may be made from the graduating class or the alumni of Amherst College or of other colleges, the object being to permit men of character, scholarly promise, and intellectual curiosity to investigate some problem in the humanistic sciences. Candidates should be men of sound health. During previous training they should have given evidence of marked mental ability in some branch of the social sciences

AMHERST COLLEGE

—history, economics, political science—and have given promise of original contribution to a particular field of study. It is desirable that they possess qualities of leadership, a spirit of service, and an intention to devote their efforts to the betterment of social conditions through teaching in its broad sense, journalism, politics, or field work.

While preference is given to candidates planning to do advanced work in the field of the social sciences, applications will be accepted and awards made to candidates who are planning to go to theological school as a preparation for a career in the ministry and to those from other fields than the social sciences who are preparing for a career in teaching in secondary schools or colleges.

Appointments may be made for terms of two years. Tenure may, however, be shorter or longer, depending upon the nature of the subjects investigated or upon other circumstances which, in the judgment of the committee, warrant a variation in the length of tenure.

The stipend will vary according to the circumstances of the appointment. Awards will depend upon those aspects of individual cases which, in the judgment of the committee, most suitably fulfill the purpose of the foundation.

These fellowships will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

The Henry P. Field Fellowships. Two fellowships of \$500 each are available from the income of the bequest of the late Henry P. Field of the class of 1880, to promote graduate study in the fields of English and History. Appointments are made annually by the College on the recommendation of the departments of English and History.

The Edward Hitchcock Fellowship. The income from a fund of \$20,000 founded by the late Mrs. Frank L. Babbott of Brooklyn, N.Y., is available for the promotion of graduate study in the department of physical education. Its object is to make the student familiar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

The Roswell Dwight Hitchcock Memorial Fellowship. A fund of \$8,900, established through the agency of the Alpha Delta Phi Fraternity, provides an annual award under conditions determined by the Faculty, to a member of the senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two installments, one on completion of one-half the year's work, the other at the end of the year.

FELLOWSHIPS

The Rufus B. Kellogg University Fellowship. The income from a fund of \$63,000 established by the late Rufus B. Kellogg of the Class of 1858 provides certain prizes, and a fellowship award for three years to an alumnus of Amherst College, who shall be appointed upon the following conditions:

1. He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this election shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

2. The faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other considerations whatsoever, except that he should have an especially good knowledge of at least one modern foreign language and should have had at least one year of Latin in preparatory school or college.

3. The three years shall be spent by the incumbent at a German University, or with the approval of the said Faculty at any other place or places, in the study of philosophy, philology, literature, history, political science, political economy, mathematics or natural science. At least one college term of the final year shall be spent by the incumbent at Amherst College, where he shall give a series of not more than thirty lectures on a subject selected by himself and approved by the Trustees. The lectures shall be given to the Senior class, but the members of all other classes shall have the privilege of attending. The incumbent shall have his lectures published, at the end of his official term, in good book form, or in a learned journal.

The Edward Poole Lay Fellowship. The income from a fund of \$43,300, established by Frank M. Lay, of the class of 1893, and Mrs. Lay, in memory of their son Edward Poole Lay, of the class of 1922, provides for a fellowship to be awarded to a graduate of Amherst College who has shown unusual proficiency and talent in music, and who desires to continue his studies in this field. Preference is to be given to a candidate who is proficient in voice. In the event that there is no qualified candidate for the award in any one year in the musical arts (especially voice and instrumental music), then it may be awarded under the same conditions to a qualified candidate in the field of the dramatic arts.

This fellowship will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

The Forris Jewett Moore Fellowships. These fellowships, three in number, were established in memory of Forris Jewett Moore of the class of 1889 by his widow, Emma B. Moore. In each case, the beneficiary is to be a member of the graduating class of the year preceding that in which he holds the Fellowship.

AMHERST COLLEGE

1. A fund of \$26,700, the income of which is to be used to assist some graduate of Amherst College who has distinguished himself in the study of chemistry while an undergraduate, and who desires to engage in further study of that subject. Preference is to be given to eligible candidates whose plans lie in the field of organic chemistry.

2. A fund of \$21,400, the income of which is to be awarded to a graduate of Amherst College who has distinguished himself in the study of history while an undergraduate, and who desires to engage in further study of that subject.

3. A fund of \$24,400, the income of which is to be awarded to a graduate of Amherst who has distinguished himself in the study of philosophy while an undergraduate and who desires to engage in further study of that subject.

The George Stebbins Moses Memorial Fellowship. The income from a memorial fund provides a fellowship to be awarded to an Amherst graduate each year who has been accepted by a recognized divinity school, who has good reason to seek financial aid, who seems to be an all-around man qualified in all respects as a religious and moral leader and a lover of ordinary people, and who is qualified scholastically to meet the calling of a theological career creditably. The candidate need not be an outstanding student, but improvement in the upperclass years, dedication, and a sense of purpose will be given great consideration.

The recipient will be selected by the Fellowship Committee acting with the Minister to the College and, ordinarily, will be awarded on an annual basis but, under appropriate circumstances, it may be renewed for a second or third year at the discretion of the Committee. If the income and needs of candidates permit, more than one fellowship may be awarded in any given year.

The George A. Plimpton Fellowships. These fellowships, established by the Board of Trustees of Amherst College in memory of George A. Plimpton of the class of 1876, a member of the Board from 1890 to 1895 and from 1900 to 1936, and President of the Board from 1907 to 1936, are to be awarded without stipend to members of the senior class who are of outstanding scholastic ability and promise, who plan to continue their studies in graduate school, and who are not in need of financial assistance.

These fellowships will be awarded by the Board of Trustees upon recommendation of the Faculty Fellowship Committee.

The Sherman Pratt Faculty Fellowships for Study Abroad. These fellowships are awarded by the President of the College to younger members of the Amherst Faculty, on the basis of past performance in teaching, scholarship, and programs for further study. The stipends may be fixed in such amount as the President may determine. Each holder of a Sherman Pratt Fellowship

will be expected on his return to the College to deliver to the college body one or more lectures.

The Charles B. Rugg Fellowship. The income from a fund of \$25,000 established in memory of Charles Belcher Rugg, of the Class of 1911, provides a fellowship to be awarded to an Amherst graduate who shows promise for the study of law. The award is made annually to aid a young man beginning a legal career, but it may be renewed for a second or third year upon recommendation of the Fellowship Committee.

The John Woodruff Simpson Fellowships and Lectureships. A fund now amounting to \$205,100 was established in memory of John Woodruff Simpson of the class of 1871, by his wife and daughter. The uses of the income as defined by the donors follow:

"1. To award to any graduate of Amherst College a fellowship for use in studying law at any school approved by the Board of Trustees of the College;

"2. To award to any graduate of Amherst College a fellowship for use in studying medicine at any school approved by the Board of Trustees of the College;

"3. To award to any graduate of Amherst College a fellowship for use in studying theology at any school approved by the Board of Trustees of Amherst College, without regard to the particular creed or particular religious belief taught thereat;

"4. To award to any graduate of Amherst College a fellowship for use in studying at any school, college or university approved by the Board of Trustees of the College, in preparation for the teaching profession;

"5. To award to any graduate of Amherst College a fellowship for use in graduate study at the universities of Oxford or Cambridge in England;

"6. To award to any graduate of Amherst College a fellowship for use in graduate study at the Sorbonne in Paris;

"7. To secure from time to time from England, France or elsewhere, scholars for the purpose of delivering lectures or courses of instruction at Amherst College."

These fellowships will be awarded by the Board of Trustees upon the recommendation of the Faculty Fellowship Committee.

The Benjamin Goodall Symon, Jr. Memorial Fellowship. The income from a memorial fund provides a fellowship to be awarded to an Amherst graduate each year who has been accepted by a recognized divinity school, who has good reason to seek financial aid, who seems to be an all-around man qualified in all respects as a religious and moral leader, and who is qualified scholastically to meet the calling of a theological career creditably, although he may plan to use the divinity school training for work in another field.

AMHERST COLLEGE

The candidate need not be an outstanding student, but improvement in the upperclass years, dedication, and a sense of purpose will be given great consideration.

The recipient will be selected by the Fellowship Committee acting with the Minister to the College and, ordinarily, will be awarded on an annual basis but, under appropriate circumstances, it may be renewed for a second or third year at the discretion of the Committee. If the income and needs of candidates permit, more than one fellowship may be awarded in any given year.

Fellowships Awarded by the American Schools of Classical Studies at Athens and Rome. The attention of graduate students interested in the Classics and in Archaeology and Ancient Art is called to the opportunities offered by the American Schools of Classical Studies at Athens and Rome. As the College contributes regularly to the support of these schools, any Amherst graduate may enjoy the privileges of study at either school without charge for tuition and may compete for the annual fellowships which they offer. Further information may be obtained from any teacher of Classics at the College.

Columbia—Amherst Memorial Fellowship in History. This fellowship offered jointly by Amherst and Columbia is open to Amherst students in the graduating class for the study of History (preferably European History) at Columbia University. The stipend is determined on the basis of need but may be as much as \$2,500. It may be renewed for a second year if a student's record justifies such a renewal.

Yale—Amherst Memorial Fellowship in History. This fellowship offered jointly by Amherst and Yale is open to Amherst students in the graduating class for the study of History (preferably American History) at Yale University. The stipend is determined on the basis of need but may be as much as \$2,500. It may be renewed for a second year if a student's record justifies such a renewal.

Prizes and Awards

THE following prizes are offered annually for proficiency in the work of the several departments of collegiate study, and for other qualifications. The recipients of awards for the previous year are named in each case.

AMERICAN STUDIES

The George Rogers Taylor Prize, to be awarded annually to the sophomore who in the opinion of the American Studies Department shows most promise for creative and scholarly work in the field of American Studies. *Roger Lawrence Goldman, '68.*

ART

The Anna Baker Heap Prize, from the income of a fund of \$2,000, established by the late Arnold N. Heap of the class of 1873; \$160 is awarded to that Senior who submits the best essay in the field of "Art." *Jonathan Stone Sutton, '66.*

The Athanasios Demetrios Skouras Prize of \$75 is given annually by an anonymous donor in the memory of Athanasios Demetrios Skouras, of the Class of 1936, who died in 1943 in Athens, Greece, as a result of Nazi reprisal killings. The prize is given to a student who in the opinion of the Fine Arts Department has created an outstanding work of art or architecture or to a student who, in the opinion of the Music Department, was pre-eminent in music composition or rendition of a musical selection. Preference to be given in the fine arts. No Award.

BIOLOGY AND GEOLOGY

The Harvey Blodgett Scholarship, from the income of a fund of \$2,800, established by Frederick H. Blodgett in memory of his grandfather, Harvey Blodgett of the class of 1829, is awarded to aid student work in biology and geology in their educational phases as distinct from their more technical and strictly scientific phases. *Charles Kirby Scharnberger, '66.*

The Phi Delta Theta Scholarship, from the income of a fund of \$600, established by the Phi Delta Theta Fraternity, is awarded as a scholarship at the Woods Hole Marine Laboratory to a student for proficiency in biology. *Mark Samuel Guyer, '66.*

The Oscar E. Schotté Prize, an award to be given to "that member of the graduating class who in the opinion of the Department has done the best independent work in Biology." *William Leslie Bergman, '66.*

AMHERST COLLEGE
CHEMISTRY AND MEDICINE

The Howard Waters Doughty Prize, from the income of a fund of \$1,200, given anonymously; \$95 is awarded to that member of the senior class who, in the opinion of the chemistry department, has prepared the best honors thesis. *Stuart Earl Johnson*, '66.

The Frank Fowler Dow Prizes, part of the income from a fund established by Fayette B. Dow, '04, in memory of his father; \$300 is awarded to a member or members of the junior or senior class preparing to enter medical school and whose undergraduate work indicates a career of usefulness and distinction in medicine. Divided between *Bruce Carl Leopold*, '66, and *Eugene Culver Lozner*, '66.

DRAMATICS

The Raymond Keith Bryant Prize, an annual gift of \$35 from Robert E. and Ethel M. Bryant in memory of their son, Raymond Keith Bryant, of the class of 1936, is awarded to that undergraduate who, in the opinion of a board of judges, gives the best single performance of the year in a Masquers' play. *Jonathan Charles Huberth*, '66.

ECONOMICS

The W. T. Akers, Jr. Prize of \$50, provided by an annual gift from W. T. Akers, Jr., of the class of 1927, is awarded to that undergraduate who has, in the opinion of the economics department, written and submitted the best honors essay in economics. *Charles Boyer Richards Cornelius*, '66.

The Merrill Center Prize, a prize of \$100 to be given to that member of the senior class who, in the opinion of the Economics Department, has written an honors thesis of distinction upon a subject related to capital formation and economic growth. *John Mark Vine*, '66.

The Hamilton Prize, established by his former students in memory of Professor Walton Hale Hamilton, distinguished member of the Department of Economics from 1915 to 1923, consisting of a collection of economics books, is awarded to that student other than a senior who ranks highest in the introductory economics course. *Peter Susi*, '69.

The Sylvester Award, supported by an annual gift from Albert L. Sylvester of the class of 1924, goes to the junior majoring in economics, who has shown himself outstanding in his work in that Department while maintaining a worthy general average. If the recipient is already on the scholarship list, the award is \$750; if not, the award is a prize of \$100 and the remainder goes to Converse Library for the purchase of books in economics. Divided between *Stephen Bruce Cohen*, '67, and *William Kai-Sheng Wang*, '67.

PRIZES AND AWARDS

ENGLISH

The Academy of American Poets Prize, of \$100, made possible by a gift of Harry Woodbourne, is awarded annually for the best poem or group of poems, preferably on nature, submitted by an undergraduate. *William Henry Clamurro*, '67.

The Armstrong Prize, from the income of a fund of \$2,700, established in part by Collin Armstrong of the class of 1877 in memory of his mother Miriam Collin Armstrong, awarded in the form of books to the value of \$110 to members of the freshman class who excel in composition. *Daniel Whittemore Keller*, '69.

The Collin Armstrong Poetry Prize, from the income of a fund of \$2,700, established in part by Mrs. Elizabeth H. Armstrong; \$110 is awarded to the undergraduate author of the best original poem or group of poems. *Thomas Parson*, '66.

The Corbin Prize, from the income of a bequest of \$1,000 established by the estate of William Lee Corbin of the Class of 1896; \$85 is awarded for an outstanding original composition in the form of poetry or an informal essay. Divided between: *Jared Daniel Kass*, '69, and *Jeremiah Putnam Mead*, '68.

The John Franklin Genung Prize, of \$50, given each year anonymously in memory of Professor Genung, is awarded to that member of the junior or senior class who excels in prose composition. *Jerald Van Reneau*, '67.

The Harry Richmond Hunter, Jr. Prize, from the income of a fund of \$1,400, established by H. R. Hunter and Emma Louise Hunter in memory of their son, Harry Richmond Hunter, Jr. of the class of 1929; \$50 is awarded to that member of the sophomore class who presents the best essay on a topic approved by the English department. *Edward Nolan Callahan*, '68.

The Peter Burnett Howe Prize for excellence in prose fiction, established by a gift of Robert B. Howe of the class of 1930 in memory of his son Peter Burnett Howe, '60. The prize is awarded to an undergraduate for excellence in prose fiction. *Robert Mark Ullian*, '66.

The Ralph Waldo Rice Prize, from the income of a fund of \$1,800, established by Mrs. Mary Rice Jenkins in memory of her brother, Ralph Waldo Rice, of the class of 1910; \$150 is awarded for the best essay on "The Liberal College and Christian Citizenship" or any other subject named by the Faculty. *David Pierce Willbern*, '66.

AMHERST COLLEGE GREEK

The William C. Collar Prize, from the income of a fund of \$1,400 established by the late William C. Collar of the class of 1859; \$115 is awarded to the member of the freshman class who shall make on a written examination the best version in English of a previously unseen page from some Greek author. *William Gregory Thalmann, III, '69.*

The Hutchins Prize, from the income of a fund of \$1,400, established by the late Waldo Hutchins of the class of 1842; \$115 is awarded to an upper-classman for excellence in Greek. The scholarship is determined chiefly by the regular recitations and examinations of the department but special studies and examinations may also be required of the candidates. *Shigenari Kawashima, '67.*

The Harry De Forest Smith Scholarship is awarded to a member of the freshman class enrolled in one of the regular courses in the Department of Greek. The award is made on the basis of an examination given at the candidate's school in the March preceding his entrance to college. Students who have had either two or three years of Greek at school are eligible for this scholarship. The amount of the stipend is based on the financial need of the winner according to the regular scholarship procedures of the College. It is renewable after freshman year in accordance with the regular scholarship policy. In cases where there is no demonstrable financial need, the winner will receive an honorary \$100 stipend for the first year. No Award.

JOURNALISM

The Samuel Bowles Prize, from the income of a fund of \$4,200 established by the late Samuel Bowles King, '02; to stimulate interest in journalism as a career, a prize of \$325 is awarded to a student of the junior or senior class who has demonstrated proficiency in journalism. The income may be used from time to time for a scholarship or toward a lectureship. *Marshall Irving Bloom, '66.*

LATIN

The Bertram Prizes, from the income of a fund of \$2,600, established by the late John Bertram of Salem; two prizes of \$125 and \$75 each are awarded to those students who, together with attaining a high average in the Latin courses of the Senior Year, present the best essays on some approved topic connected with these courses. First and Second Prizes combined and awarded to *Peter Williams Donovan, '66.*

The Billings Prizes, from the income of a fund of \$1,300, established by Frederick Billings in memory of Parmly Billings of the class of 1884; two prizes of \$70 and \$35 are awarded for general excellence in the Latin courses

PRIZES AND AWARDS

of the Sophomore Year together with the best essays on special topics connected with the authors read in that year. First and Second Prizes combined and awarded to *Colin Farrish Hasse*, '68.

The Crowell Prizes, from a fund of \$2,300 in memory of Edward Payson Crowell of the class of 1853; prizes of \$65 and \$30 are awarded for the highest scholarship in the freshman Latin courses; prizes of \$65 and \$30 are awarded to the students who, together with attaining a high average in the Latin courses of the Junior Year, present the best essays on some approved topic connected with the junior Latin course. Freshman Award: *Jeffrey Bruce Abramson*, '69 and *Gene Michael O'Grady*, '69. Junior Award: *Edward Francis Xavier Tivnan*, '67 and *Jeffrey Michael Gantz*, '67.

MATHEMATICS, PHYSICS AND ASTRONOMY

The Bassett Physics Prizes, from the income of a fund of \$4,620 established by Preston Rogers Bassett of the class of 1913; two prizes up to \$100 and \$50 respectively may be awarded each year to those students who have distinguished themselves by the excellence and maturity of their performance in the class and laboratory work of the first course in Physics. First Prize: *Edward Ernest Lotto*, '69. Second Prize: *David James Hills*, '69.

The Porter Prize, from the income of a fund of \$600, established by the late Eleazer Porter of Hadley; a prize of \$50 is awarded for proficiency in first year astronomy. *Jeffrey Dorrington Fisher*, '69.

The William Warren Stifler Prize, from the income of a fund of \$1,000, created by the late Professor Stifler; \$85 is awarded to a senior who has majored in physics and who is nominated by the teaching staff of the department for excellence in work in the courses of physics for the junior and senior years, with special weight in the course on electricity and magnetism. *John Bard Sharefkin*, '66.

The Walker Prizes, from the income of a fund of \$6,000, given by the late William J. Walker of Newport, Rhode Island; two prizes of \$160 and \$90 are awarded for proficiency in mathematics of the first year, and two prizes of \$160 and \$90 for proficiency in mathematics of the second year. In each case the award is determined by an examination. First Year: First Prize, *David James Hills*, '69; Second Prize, *David Hall Roberts*, '69. Second Year: First Prize, *Sammy Tung Chuen Hung*, '68; Second Prize, *Mark Austin Peterson*, '68.

MUSIC

The Eric Edward Sunquist Prize, from the income of a fund established anonymously in memory of Eric Edward Sundquist of the class of 1936; \$70 is awarded annually to that senior who has demonstrated excellence in musical composition and performance. *Samuel Edmond Lipskin*, '66.

AMHERST COLLEGE
PHILOSOPHY AND RELIGION

The Moseley Prizes, from the income of a fund of \$7,700 established by the late Thomas W. H. Moseley of Hyde Park; two prizes of \$420 and \$220 are awarded to members of the senior class for the best essays on a subject approved by the Department of Philosophy and Religion. First Prize: *Michael Clare Behnke*, '66. Second Prize: *Leonard Jonathan Lamm*, '66.

PHYSICAL EDUCATION

The Sawyer Prizes, from the income of a fund of \$2,000, established by the late Edmund H. Sawyer, hon. 1878; \$165 is available for prizes for improvement in the department of Physical Education. Senior Class: *Theodore David Blackey*, '66. Sophomore Class: *Charles Marshall Delbaum*, '68.

POLITICAL SCIENCE

The Densmore Berry Collins Prize in Political Science, of \$50, given annually by Miss Margaret S. Densmore in memory of her nephew Densmore Berry Collins, of the class of 1940. The award will be made to the student submitting the best honors thesis in Political Science. *Lawrence Myers Mead*, III, '66.

PUBLIC SPEAKING

The Bancroft Prizes, of \$330 and \$210, from the income of a fund of \$6,500 established by the late Frederic Bancroft of the class of 1882; awarded to the two members of the senior class who produce the best orations. Both composition and delivery are considered in making the awards. First Prize: *Peter Williams Donovan*, '66. Second Prize: *Douglas Allan Dunlap*, '66.

The Bond Prizes, from the income of a fund of \$2,400 established by the late Ephraim W. Bond of the class of 1841; \$150 and \$50 are awarded for the best productions spoken at the Senior Chapel service. The awards are determined by a committee appointed by the Trustees upon nomination by the Faculty. No Award.

The Gilbert Prize of \$100 from the income of a fund established by the late William O. Gilbert of the class of 1890 is awarded to a member of the junior class who produces the best oration. Both composition and delivery are considered in making the award. Combined with the Kellogg Prizes and divided equally between *Barry Stephen Growe* '67 and *Daniel Chester Cochran* '68.

The Hardy Prizes, from the income of a fund of \$1,300, established by the late Alpheus Hardy of Boston; prizes of \$70 and \$35 are awarded for excellence in extemporaneous speaking. First Prize: *Jon Ruston Weissman*, '69. Second Prize: *Jeffrey Bruce Abramson*, '69.

PRIZES AND AWARDS

The Kellogg Prizes, from part of the income of a fund of \$54,500, established by the late Rufus B. Kellogg of the class of 1858; two prizes of \$70 and \$50 are awarded to members of the sophomore or freshman classes for excellence in declamation. Combined and divided equally with the Gilbert Prize between *Barry Stephen Growe*, '67 and *Daniel Chester Cochran*, '68.

The Rogers Prize, from the income of a fund of \$1,400, given by Noah C. Rogers of the class of 1880; \$110 is awarded to a member of the junior class for excellence in debate. No Award.

SCHOLARSHIP AND CITIZENSHIP

The Addison Brown Scholarship, from the income of a fund of \$6,300, established by the late Addison Brown of the class of 1852; \$525 is awarded to that member of the senior class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman, sophomore; and junior years. *James Starke Dittmar*, '66.

The Samuel Walley Brown Scholarship, from the income of a fund of \$6,300, established by the late Samuel Walley Brown of the class of 1866; \$525 is awarded to that member of the sophomore class who at the end of his sophomore year shall in the estimation of the Trustees rank highest in his class in character, class leadership, scholarship, and athletic ability. *Steven Scott Searl*, '67.

The Frank A. Hosmer Scholarship, from the income of a fund of \$15,000 established by Frank A. Hosmer of the class of 1875; \$600 is awarded to that member of the sophomore class who, being already on the scholarship list, shall have attained the highest standing in the studies of the freshman year. *Charles Marshall Delbaum*, '68.

The House Management Committee Trophy is awarded each year after the end of the first semester to the sophomore delegation of a fraternity or social organization having the best scholastic record for the semester, judgment of the record to be based equally on comparative scholastic standing and on percentage of improvement as against the preceding semester.

The Gordon B. Perry Memorial Award, from the income of a fund of approximately \$1,500, provides a trophy and cash prize of \$120 to a freshman in good academic standing whose participation and attitude in freshman athletics and other activities are outstanding. *Richard Edwin Carroll*, '69.

The Porter Admission Prize, from the income of a fund of \$1,200, established by the late Eleazer Porter of Hadley; \$100 is awarded each year to the member of the entering freshman class who is judged to have the best general record on the College Board tests taken for admission to Amherst. The name of the successful candidate, together with that of his school, is pub-

AMHERST COLLEGE

lished in the catalog. *Gene Michael O'Grady*, '69, Woodside Priory School (Portola Valley, California).

The Psi Upsilon Prize, from the income of a fund of approximately \$5,500, established by the Gamma Chapter of Psi Upsilon in 1941 on the occasion of the Centennial Anniversary of the founding of the Chapter; \$450 is awarded to that member of the graduating class who, in the opinion of a committee consisting of the President of the College, the Dean, and the Chairman of the Department of Physical Education and Intercollegiate Athletics, is considered to be, in the terms of the Ancient Athenian oath,* the "first citizen" of the College. *James Starke Dittmar*, '66.

The John Sumner Runnells Memorial, from the income of a fund of \$6,300, established in memory of John Sumner Runnells of the class of 1865; \$525 is awarded to that member of the sophomore class who shall in the opinion of the Trustees of the College be preeminent in his zeal for knowledge and industry to attain it. *George Harlan Nash*, '67.

The Obed Finch Slingerland Memorial Prize, from the income of a fund of \$11,400 established by an anonymous donor; \$950 is awarded by the Trustees of the College to that member of the junior class, who, during his first three years at Amherst, has shown by his own determination and accomplishment the greatest appreciation of and desire for a college education. *Myron Chester Rokoszak*, '66.

The Sylvester Scholarship of \$750 provided by an annual gift from Albert L. Sylvester of the Class of 1924, is awarded to a senior who, being already on the scholarship list, at the end of his junior year has combined most clearly outstanding success in extra-curricular activities, including athletics, with academic distinction in one or more fields. *James Starke Dittmar*, '66.

The Stanley V. and Charles B. Travis Prize, from the income of a fund of \$2,600; established by the late Charles B. Travis of the class of 1864; \$205 is awarded to that member of the graduating class who has made the most improvement as a man and as a scholar during his college course. Combined with the Woods Prize and divided between *Charles Boyer Richards Cornelius* '66 and *Jeffrey Alan Hoffman* '66.

The Treadway Interfraternity Scholarship Trophy, a silver cup, given by Hon. Allen Treadway of the class of 1886, in memory of his son, Charles

* "I will not disgrace the soldier's arms, nor abandon the comrade who stands at my side; but whether alone or with many, I will fight to defend things sacred and profane. I will hand down my country not lessened, but larger and better than I have received it. I will accept readily and with understanding the verdicts of our judges, and I will obey the established laws and such other laws as the people may establish. If anyone shall attempt to overthrow the laws, I will not permit it, but whether alone or with many, I will fight to defend them; and I will honor the religion of our fathers. The gods attest this oath!"

PRIZES AND AWARDS

Denton Treadway, awarded to that fraternity or the group of all non-fraternity men which has attained the highest scholastic average during the previous academic year.

The Trustee Trophy is awarded each semester to the fraternity or social organization showing the greatest percentage of improvement academically during the previous semester.

The Woods Prize, an annual gift of \$50 in memory of the late Josiah B. Woods of Enfield, is awarded for outstanding excellence in culture and faithfulness to duty as a man and as a scholar—particular attention being given in any prominent case to improvement during the four years' course. Combined with the Travis Prize and divided between *Charles Boyer Richards Cornelius*, '66 and *Jeffrey Alan Hoffman*, '66.

The Robert E. Bauser Memorial Award of a twenty-five dollar United States savings bond (or its equivalent), is given at the close of every academic year to that member of the Senior Class who, in the opinion of the senior board of Radio Station WAMF, has been of the greatest service in the operation and development of the station, during his tenure as station member. This award is sustained in perpetuity of Amherst College by the Alpha Chi Chapter of Phi Gamma Delta in memory of its brother, Robert E. Bauser, '54. *Leslie Francis Black*, '66.

The Ashley Memorial Trophy, given by the Class of 1916 in memory of Thomas W. Ashley, '16, who was killed in action at Belleau Wood in 1918, is presented annually to the retiring member of the football team who, in the opinion of a committee consisting of the Coach, the Manager, and the Captain-elect, has best "played the game." *Myron Chester Rokoszak*, '66.

The Howard Hill Mossman Trophy, awarded annually to the member of the senior class, who, in the opinion of a committee consisting of the President of the College, the Dean, the Chairman of the Department of Physical Education and Intercollegiate Athletics, and the President of the Student Council, has brought, during his four years at Amherst, the greatest honor in athletics to his Alma Mater—the word "honor" to be interpreted as relating both to achievement and to sportsmanship. *Myron Chester Rokoszak*, '66.

The Plimpton Interfraternity Debate Trophy, given by Francis T. P. Plimpton, '22, awarded annually to the group which places first in the interfraternity debate tournament. No award.

The Lincoln Lowell Russell Prize, from the income of a fund of \$1,200 established by the late J. W. Russell, Jr. of the class of 1899 in memory of his son; \$100 is awarded to that member of the graduating class who has done most to foster the singing spirit in Amherst College. *John Bishop Hillman*, '66.

Degrees Conferred

OCTOBER 30, 1965

BACHELOR OF ARTS

Rite

David Alan Schwartz

Clarke Carney Summers

APRIL 16, 1966

BACHELOR OF ARTS

Rite

Joe Robert Comfort

Paul Lawrence Ehrmann

Maurice Reymes King

Christopher Allen Myers

Richard Austin Phillips

David Bright Ramsay

Arthur Innis Strang, III

JUNE 3, 1966

BACHELOR OF ARTS

Summa cum laude

Jay David Atlas, *Mathematics*
Houston, Texas

Geoffrey Drury, *American Studies*
Sheffield, Massachusetts

Jeffrey Alan Hoffman, *Astronomy*
Scarsdale, New York

Magna cum laude

William Leslie Bergman, *Biology*
Westbury, New York

Julian Gaskill Blake, *Physics*
Rumson, New Jersey

David Sheldon Browder, *Mathematics*
Wilmette, Illinois

John Collins Coffee, Jr.
American Studies
Manhasset, New York

Joseph Michael Corvino, *Biology*
Carlisle Barracks, Pennsylvania

James Starke Dittmar, *History*
Pittsburgh, Pennsylvania

Peter Williams Donovan, *Latin*
Sands Point, New York

Robert London Fleisher, *Geology*
Silver Spring, Maryland

Robert Dana Gordon, *Biology*
Hewlett Harbor, New York

David John Greenblatt, *Mathematics*
Newton Highlands, Massachusetts

DEGREES CONFERRED

Mark Samuel Guyer, *Biology*
Lynbrook, New York

Andrew Marshall Hamer, *Economics*
Lexington, Massachusetts

John Ellsworth Hart, *Physics*
Wellesley, Massachusetts

James Howard Higbie, *Physics*
Bethesda, Maryland

Stuart Earl Johnson, *Chemistry*
Hamden, Connecticut

Gordon Messick Jones, III, *History*
Ann Arbor Michigan

John Aaron Latham, *English*
Tucson, Arizona

Bruce Carl Leopold, *Philosophy*
Washington, D.C.

Samuel Edmond Lipskin, *Music*
Kew Gardens, New York

Eugene Culver Lozner, *Biology*
Syracuse, New York

Andrew Knight McMahan, *Physics*
Great Falls, Virginia

Lawrence Myers Mead, III
Political Science
Huntington, New York

Richard Allen Miller, *American Studies*
Easton, Connecticut

Eric Alan Reiner, *Philosophy*
Mexico, D. F., Mexico

Winslow Smith Rogers, *English*
West Lafayette, Indiana

Allen Paul Rosiny, *History*
Monsey, New York

Peter Rudd, *French*
New York, New York

Charles Kirby Scharnberger, *Geology*
St. Louis, Missouri

John Bard Sharefkin, *Physics*
Brooklyn, New York

John Mark Vine, *Economics*
Trenton, New Jersey

Charles Ora Atkinson
American Studies
Hingham, Massachusetts

Kenneth Hogate Bacon, *English*
Amherst, Massachusetts

Michael Clare Behnke
American Studies
Grand Rapids, Michigan

Marshall Irving Bloom
American Studies
Denver, Colorado

Paul Barry Bloom, *English*
Manhasset, New York

William Closson Boicourt, *Physics*
Amherst, Massachusetts

Jay Stark Buechner, *Physics*
Trumbull, Connecticut

Peter Kane Buehler, *Biology*
Upper Montclair, New Jersey

Brian Rocco Burwell, *Economics*
South Freeport, Maine

Michael Oliver Chenoweth, *Economics*
Richmond, Indiana

Peter Louis Christie, *Economics*
Bedford, New York

Benedict Charles Clark
Political Science
Rochester, New York

Robert Edward Connor, Jr.
American Studies
Cleveland, Ohio

Charles Boyer Richards Cornelius
Economics
Providence, Rhode Island

Ames Davis, *History*
Nashville, Tennessee

John Shuster Davis, *Biology*
Philadelphia, Pennsylvania

Arnold Henry Dratt, *Political Science*
Massapequa Park, New York

Douglas Allan Dunlap, *History*
Nashua, New Hampshire

Eric John Dworkin, *American Studies*
Roslyn Heights, New York

Robert John Evans, *Russian*
Pelham, New York

John Ingram Forry,
Philosophy and American Studies
Warson Woods, Missouri

Cum laude

Michael Bruce Andorsky, *Biology*
West Hartford, Connecticut

John Douglas Angleman, *Fine Arts*
Chatham, New Jersey

Dennis Gene Asmussen, *Russian*
Amherst, Massachusetts

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- Stephen Roy Froling, *American Studies*
Denver, Colorado
- William Herbert Giese, *Economics*
Wellesley, Massachusetts
- Randall Jon Gingiss, *Economics*
Wilmette, Illinois
- John Roscoe Guittard
American Studies
Dallas, Texas
- Stephen Anthony Hartgen
American Studies
Orono, Maine
- Thomas Phillips Hatch, *Biology*
Nutley, New Jersey
- Joseph Justin Herold, III
Biology
Rye, New York
- Dean Edward Hethington, *English*
Amherst, Massachusetts
- John Bishop Hillman, *Religion*
Schenectady, New York
- John Billingsley Hood, *Political Science*
Wilmington, Delaware
- Robert Newton Hornick, *English*
Pittsburgh, Pennsylvania
- Francis Alley Hubbard, II, *English*
Wayland, Massachusetts
- Jonathan Charles Huberth
Dramatic Arts
Lyme, New Hampshire
- Jay August Isgur, *Psychology*
Northampton, Massachusetts
- John Burtner Jacoby, *English*
Birmingham, Michigan
- Charles Michael Jenkins, *German*
Kirkwood, Missouri
- Ken Edward Joy, *Economics*
Needham, Massachusetts
- Walter Bert Kasell, *English*
New York, New York
- Michael Steven Katz, *English*
Hartford, Connecticut
- John Swinton King, Jr., *Physics*
Ann Arbor, Michigan
- Richard Maxwell Klein, *Biology*
Richmond, Virginia
- Arthur Wayne Koenig, *Political Science*
Deerfield, Illinois
- John Gregory Kroll, *American Studies*
Poughkeepsie, New York
- Adrian Edward Kuzminski, *History*
Rochester, New York
- Leonard Jonathan Lamm
Philosophy and Religion
Brooklyn, New York
- Kenneth Quentin Law, *Biology*
Rangoon, Burma
- Albert Martin Leisinger, *Mathematics*
Bethesda, Maryland
- Jarrett Leplin, *Mathematics*
San Mateo, California
- John Linke Lewis, *Economics*
Briarcliff Manor, New York
- John Mason Lindley, *American Studies*
Wilmington, Delaware
- William Halstead Ling, *Mathematics*
Kinderhook, New York
- Siegfried Norbert Lodwig, *Chemistry*
Buffalo, New York
- Charles Edwin Howell Luedde
Philosophy
St. Louis, Missouri
- William Gregory Lycan, *Philosophy*
New Brunswick, New Jersey
- Douglas Murray MacDonald
Philosophy
New Canaan, Connecticut
- John Richard MacMillan, *Geology*
Summit, New Jersey
- Frederic Breed Mayo, Jr., *History*
Swampscott, Massachusetts
- Stephen Robert McCammon
Mathematics
Lakewood, Colorado
- Alan David McClare, *History*
Bronxville, New York
- Hugh Peter McGrath, *Religion*
Annapolis, Maryland
- John Durward McKenzie, Jr.
Mathematics
Weston, Massachusetts
- Alexander Moore Meiklejohn
Political Science
Syracuse, New York
- Lawrence Everett Merrill
Political Science
North Penobscot, Maine
- Michael Howard Merson, *Biology*
Rockville Centre, New York

DEGREES CONFERRED

- Albert Kent Morton, *Russian*
Richmond, Virginia
- Stephen Curran Murray
American Studies
Albuquerque, New Mexico
- Peter Stewart Norall, *Political Science*
London, England
- Daniel Helfenstein O'Connell, *English*
Chappaqua, New York
- Haruhiko Okazaki, *Economics*
Kobe, Japan
- Peter Joseph O'Loughlin, Jr., *Economics*
Meriden, Connecticut
- Michael Peter Opton, *Philosophy*
Portland, Oregon
- James Christopher Parel, *Economics*
Arlington, Virginia
- Thomas Gordon Plate, *Political Science*
Farmingdale, New York
- Kenneth Bowman Platt
Political Science
Minneapolis, Minnesota
- Alan William Powers, *English*
East Longmeadow, Massachusetts
- Daniel Regan, *English*
New York, New York
- Jonathan Peter Rosen, *Political Science*
Westport, Connecticut
- Mark Jeffrey Rosenberg, *Biology*
Maplewood, New Jersey
- Theodore Harvey Rosengarten
American Studies
Massapequa, New York
- Walter Rous, *American Studies*
Englewood, New Jersey
- Jawed Saeed Savul, *Political Science*
Karachi, Pakistan
- Sidney Mayer Schwab, *Biology*
Portland, Oregon
- John Millard Sessions, *French*
East Aurora, New York
- Keith Ewing Shahan, *American Studies*
St. Louis, Missouri
- Malcolm Sydney Smith, *Fine Arts*
Wethersfield, Connecticut
- Philip Lee Steele, *American Studies*
Wethersfield, Connecticut
- Neil Arthur Stillings, *Psychology*
Appleton, Wisconsin
- John Edgar Storer, III, *Biology*
Indianapolis, Indiana
- Thomas Rush Sturges, II, *Religion*
Ardsley-on-Hudson, New York
- Jonathan Stone Sutton, *Fine Arts*
Columbus, Ohio
- Jonathan Gordon Swift
American Studies
Middletown, Connecticut
- Peter Nash Swisher, *History*
Louisville, Kentucky
- Leonard Irwin Tamsky, *Biology*
University City, Missouri
- Charles Brian Trask, *Geology*
Bernard, Maine
- James Vincent Walker, Jr., *Biology*
Columbus, Ohio
- John Chapman Ward, *English*
Alexandria, Virginia
- Dean Robert Wasserman, *Biology*
Philadelphia, Pennsylvania
- Robert Allen Webb, *Economics*
Minneapolis, Minnesota
- David Pierce Wilbern, *English*
Coffeyville, Kansas
- Paul Landis Wise, Jr., *American Studies*
Rosemont, Pennsylvania
- Thomas Fletcher Worthen, *Fine Arts*
Little Rock, Arkansas
- Charles Kadel Wray, *American Studies*
Nashville, Tennessee
- Harvey Joel Yaverbaum, *Religion*
Brooklyn, New York
- Donald Hazen Zeigler, *Political Science*
Urbana, Illinois
- Rite**
- Robert Thorne Abbott
West Islip, New York
- Peter James Alcala
New York, New York
- John Merithew Allen, Jr.
Strafford Wayne, Pennsylvania
- Harold Shuttleworth Atwood, III
West Caldwell, New Jersey
- Andrew Zoltan Benkovich
Rocky Hill, Connecticut
- Leslie Francis Black
Larchmont, New York

AMHERST COLLEGE

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|--|--|
| Theodore David Blackey
<i>New York, New York</i> | William Knight Dustin
<i>Buffalo, New York</i> |
| Manfred Heinz Bracklow
<i>Kerhonkson, New York</i> | Michael Watson Dwyer
<i>St. Louis, Missouri</i> |
| Peter Morse Browne
<i>Brunswick, Maine</i> | Charles Child Eldredge, III
<i>East Greenwich, Rhode Island</i> |
| Mark Rolleston Bugli
<i>Bedford, New York</i> | Henry Jonathan Fay
<i>Chicopee Falls, Massachusetts</i> |
| Jonathan Bump
<i>Weston, Massachusetts</i> | George Fiencke
<i>Bronxville, New York</i> |
| Paul William Butler
<i>Wakefield, Massachusetts</i> | Charles Morton Fierstine
<i>University City, Missouri</i> |
| Richard Morgan Caley
<i>Avon, Connecticut</i> | Thomas Randolph Firman
<i>Port Washington, New York</i> |
| Robert Prescott Carson
<i>Wilmette, Illinois</i> | Jerold Martin Frankel
<i>Atlanta, Georgia</i> |
| Daniel Paul Chuba
<i>Buffalo, New York</i> | John Victor Giarratana, Jr.
<i>Springfield, Virginia</i> |
| Russell Gould Clark, Jr.
<i>Middlebury, Connecticut</i> | Jonathan Hall Goodwin
<i>Atlanta, Georgia</i> |
| Peter Parlee Clark, II
<i>Longmeadow, Massachusetts</i> | Mark Gottesman
<i>Succasunna, New Jersey</i> |
| Benjamin Dyer Cobb
<i>Newton Centre, Massachusetts</i> | Michael Green
<i>Lynbrook, New York</i> |
| Helsey Bingham Collins
<i>Chevy Chase, Maryland</i> | Richard Selig Grossinger
<i>Grossinger, New York</i> |
| Deane Schuyler Coords
<i>New York, New York</i> | John Stuart Hall
<i>West Redding, Connecticut</i> |
| William Everett Creed
<i>Yorktown Heights, New York</i> | George Caverno Ham, Jr.
<i>Chapel Hill, North Carolina</i> |
| Allen Faden Crow
<i>Grosse Pointe, Michigan</i> | Lawrence Edward Hard
<i>Franklin, Michigan</i> |
| David Trevor Culverwell
<i>Washington, D.C.</i> | Paul Tupper Hartman, Jr.
<i>St. Louis, Missouri</i> |
| Chester Searle Currier
<i>Greenwich, Connecticut</i> | Coleman Alexander Hartwell, II
<i>Franklin, Tennessee</i> |
| Thomas Anthony D'Avanzo
<i>West Hartford, Connecticut</i> | Thomas Milligan Hazlett
<i>Evanston, Illinois</i> |
| Douglas Treat Davidson, III
<i>Swarthmore, Pennsylvania</i> | James Daniel Hill, Jr.
<i>Bethesda, Maryland</i> |
| Daniel John Deegan
<i>Tonawanda, New York</i> | Kenneth Joseph Howard, Jr.
<i>Manhasset, New York</i> |
| Arthur Wellwood Dimock
<i>Amherst, Massachusetts</i> | Sam Shiao-Ming Hsu
<i>Jamaica, New York</i> |
| Paul Raymond Dimond
<i>Ann Arbor, Michigan</i> | Robert William Hunter
<i>Meadowbrook, Pennsylvania</i> |
| Harold Burgess Dowse
<i>Albany, New York</i> | Stephen Nash Hurley
<i>Weston, Massachusetts</i> |
| William David Dukes
<i>West Hartford, Connecticut</i> | Elliott Stephen Isenberg
<i>Forest Hills, New York</i> |

DEGREES CONFERRED

- | | |
|---|---|
| Samuel Gladstone Jackson, Jr.
<i>Hamden, Connecticut</i> | Melville DeSoto Miller, Jr.
<i>Basking Ridge, New Jersey</i> |
| Richard Wesley Johnston
<i>Royal Oak, Michigan</i> | Robert Finch Miller
<i>Washington, D.C.</i> |
| John Young Keffer
<i>Titusville, New Jersey</i> | Paul Kussy Milmed
<i>Short Hills, New Jersey</i> |
| Robert Evans Kellogg
<i>New Hartford, New York</i> | David Edward Morine
<i>Arlington, Massachusetts</i> |
| Robert John Kelly, Jr.
<i>Port Chester, New York</i> | Richard Roger Morse
<i>Marion, Kansas</i> |
| Theodore Ketterer, III
<i>Pittsburgh, Pennsylvania</i> | Gilbert Horton Mudge, Jr.
<i>Lyme, New Hampshire</i> |
| Dai Young Kim
<i>Seoul, Korea</i> | James Patrick Murphy, Jr.
<i>Butte, Montana</i> |
| Peter King, Jr.
<i>Harrow, Middlesex, England</i> | Neil Richard Murray
<i>Stony Brook, New York</i> |
| Carl Christian Meyer Knutsen, II
<i>Chagrin Falls, Ohio</i> | Peter Norton Oliver
<i>Amherst, Massachusetts</i> |
| Roger Charles Kurz
<i>Winnetka, Illinois</i> | Edward Asbury O'Neil, Jr.
<i>St. Louis, Missouri</i> |
| John David Lane
<i>Princeton, New Jersey</i> | Bernard George O'Reilly
<i>Lake Geneva, Wisconsin</i> |
| Frederick Stephen Larrabee
<i>Old Deerfield, Massachusetts</i> | Schuyler Pardee, III
<i>New Vernon, New Jersey</i> |
| George Brown Leach, Jr.
<i>Louisville, Kentucky</i> | Thomas Parson
<i>Charlottesville, Virginia</i> |
| Edward Hodson Lerchen, Jr.
<i>Bloomfield Hills, Michigan</i> | John Lincoln Passmore
<i>Rutledge, Pennsylvania</i> |
| Korbin Liu
<i>Washington, D.C.</i> | Jerome Frederick Peck, III
<i>Mount Kisco, New York</i> |
| Thomas Marable Love, II
<i>Gainsville, Florida</i> | William Peet, Jr.
<i>St. Paul, Minnesota</i> |
| Robert Carter Lyster
<i>Fairfield, Connecticut</i> | Watson Lyman Phillips
<i>North Haven, Connecticut</i> |
| John Alger MacLennan
<i>Braintree, Massachusetts</i> | Marsh Skipper Pitzman
<i>St. Louis, Missouri</i> |
| David Thomas Martula
<i>Hadley, Massachusetts</i> | Dwight Foster Rodgers
<i>Norwalk, Connecticut</i> |
| Evan Maclyn Maurer
<i>West Orange, New Jersey</i> | Myron Chester Rokoszak
<i>South Deerfield, Massachusetts</i> |
| Steven Albert Maurer
<i>Lancaster, Pennsylvania</i> | Michael Van Rollins
<i>Portland, Maine</i> |
| David Richard McCann
<i>Newton, Massachusetts</i> | Francis Leland Rose, Jr.
<i>Haddonfield, New Jersey</i> |
| Kirk Mellor
<i>Mahwah, New Jersey</i> | Thomas Weld Roush
<i>Peninsula, Ohio</i> |
| Juan Miguel Meyer
<i>Caracas, Venezuela</i> | Richard Arnold Rubenstein
<i>Dunkirk, New York</i> |
| Ronald M. Milestone
<i>Merion, Pennsylvania</i> | Richard Wright Rubenstein
<i>Albany, New York</i> |

AMHERST COLLEGE

- | | |
|---|---|
| Charles Paul Russ
<i>Brookville, New York</i> | Louis Blaustein Thalheimer
<i>Scarsdale, New York</i> |
| James Robert Saklad
<i>Providence, Rhode Island</i> | Christopher Pearce Thomas
<i>North Hills, Pennsylvania</i> |
| Kenneth Warren Sawyer
<i>Little Silver, New Jersey</i> | Robert Mark Ullian
<i>Merrick, New York</i> |
| Kurt George Senesky
<i>Somerville, New Jersey</i> | Henry Davis VonOesen
<i>Wilmington, North Carolina</i> |
| William Geisse Shain, Jr.
<i>Strafford Wayne, Pennsylvania</i> | Birrell Thomas Walsh
<i>Riverside, California</i> |
| William Lloyd Snyder, III
<i>Lancaster, Pennsylvania</i> | Joseph Martin Waugh
<i>Morristown, New Jersey</i> |
| John Tower Stewart
<i>West Hartford, Connecticut</i> | Gerard Hubbel Weiss
<i>White Plains, New York</i> |
| Rudolph Egan Stewart
<i>Georgetown, Guyana</i> | Harold Howard Wiley, Jr.
<i>Lunenburg, Massachusetts</i> |
| John Brewster Swaney
<i>South Hadley, Massachusetts</i> | John William Wilson, III
<i>Cherry Hill, New Jersey</i> |
| Herbert William Taylor, III
<i>Fayetteville, New York</i> | Scott William Wilson
<i>Santa Barbara, California</i> |
| John Robert Teasdale, Jr.
<i>St. Paul, Minnesota</i> | William Mason Wise, III
<i>Hingham, Massachusetts</i> |
| Frederick Edwin Tesch
<i>Osage, Iowa</i> | Jonathan Rickel Wolpaw
<i>Shaker Heights, Ohio</i> |
| | Stephen Richard Woolf
<i>Brookline, Massachusetts</i> |

MASTER OF ARTS

- Ramiro Ramirez Tobón *Colombia, South America*

Honorary Degrees Conferred

SEPTEMBER 15, 1965

MASTER OF ARTS

Robert Charles Birney
John William Ward
Henry Thomas Yost, Jr.

JUNE 3, 1966

DOCTOR OF HUMANE LETTERS

Samuel Perkins Hayes, Jr., 1931
Harold F. Johnson, 1918

DOCTOR OF SCIENCE

Harrison Scott Brown

DOCTOR OF LAWS

Robert Morris Morgenthau, 1941
Wright Tisdale, 1936
Paul Howard Douglas
Robert Strange McNamara

MEDAL FOR EMINENT SERVICE

Allan Stuart Lerner, 1951

JUNE 27, 1966

DOCTOR OF LAWS

Samuel Brown Kirkwood

V

ENROLLMENT

Enrollment

FALL SEMESTER 1966-1967

Graduate Student

Bailey, James Robert
Wooster, Ohio

Special Students

Castrillo, Miguel Criado
Oviedo, Spain

Deschamps, Jean-Francois
Paris, France

D'Halluin, Benoit
Seine Maritime, France

Petzold, Dieter
Sonnenstrasse, Germany

Rey, Jean
Paris, France

Seniors Class of 1967

Ahlskog, Gary Robert
Denver, Colorado

Allen, Edward Gerald, II
Newark, Delaware

Allen, Mark Harold
Bronxville, New York

Alpren, Thomas Victor Parsonnet
West Orange, New Jersey

Anderson, Miles Bradley
Sag Harbor, New York

Andrews, David Evans
Medford, New Jersey

Angell, Philip Sloane
Grosse Pointe, Michigan

Arghyros, Stelios
Athens, Greece

Aronow, Frederick Douglass Moses
Newton, Massachusetts

Asakai, Kazuo
Kanagawa-Ken, Japan

Avins, Laurence Richard
Princeton, New Jersey

Banks, Albert Lawrence, Jr.
Seattle, Washington

Barberi, Robert Obed
Hamden, Connecticut

Beattie, Robert James
York, Pennsylvania

Beaumont, Philip Davis
Hadley, Massachusetts

Beech, Joseph, III
Cincinnati, Ohio

Belden, Jeffrey Lawrence
Orange, New Jersey

Berry, Richard Preston, Jr.
Goffstown, New Hampshire

Bertrand, Donald Ernest
St. Albans, New York

Bickman, Martin Elliott
Brighton, Massachusetts

Billesdon, John Christopher
Lathrup Village, Michigan

Billings, John Andrew
Los Angeles, California

Black, David Hodosh
Springfield, Massachusetts

Blair, Colin Campbell
New York, New York

Blakey, Robert, Jr.
Phoenix, Arizona

Boger, William Pierce, III
Wayne, Pennsylvania

Boxer, Michael Alan
Pittsfield, Massachusetts

Boyd, John Joseph, Jr.
Longport, New Jersey

Bradley, Edward Francis, Jr.
Waterbury, Connecticut

Brent, Peter Laurence
Sanderstead, Surrey, England

Brooks, Rene Daniel
Milltown, New Jersey

Brosgol, Benjamin Michael
Philadelphia, Pennsylvania

Bryan, Trevor George
New Orleans, Louisiana

Buell, John Webber
Grosse Pointe Farms, Michigan

AMHERST COLLEGE

- Bunn, Paul Axtell, Jr.
Dewitt, New York
- Calvert, Jay Hamilton, Jr.
Darien, Connecticut
- Campbell, Michael Ian
San Mateo, California
- Christensen, Sigurd William
Forest Grove, Pennsylvania
- Clamurro, William Henry
Nutley, New Jersey
- Clark, Alden Samuel
Newton, Massachusetts
- Clarke, Richard Preston
Phoenix, Arizona
- Clarke, Steven Ayres
Minneapolis, Minnesota
- Cleaveland, Henry Folger, Jr.
Stony Brook, New York
- Clough, Rodney Bancroft
Rye, New York
- Clyman, Ronald Ian
Scarsdale, New York
- Cohen, Stephen Bruce
Wyncote, Pennsylvania
- Cole, Douglas Reese
Holden, Massachusetts
- Cole, Jonathn Richard
Arlington, Massachusetts
- Collins, David Alexander
Hastings-on-Hudson, New York
- Cook, Jacques
Dakar, Republic of Senegal
- Coombs, Peter Brooks
Paris, France
- Cross, John Earle
Bethesda, Maryland
- Crouch, Henry Lee
Courtland, Mississippi
- Cummings, Waldo Beaman, Jr.
Atikokan, Ontario, Canada
- Cunningham, Charles Godvin, Jr.
Norwalk, Connecticut
- Cunningham, John Mason
Paxton, Massachusetts
- Dahir, Victor William
Barrington, Illinois
- Damon, George Huntington, Jr.
Meredith, New Hampshire
- Damus, Alfred John
Pittsburgh, Pennsylvania
- Dasher, John Marshall
Columbus, Ohio
- Davis, Richard Michael
Brooklyn, New York
- Dawson, Paul Phillips
New York, New York
- DeLapp, Steven Clarke
New Canaan, Connecticut
- Dembe, David
Bayonne, New Jersey
- Dmuchovsky, Joseph, Jr.
Brimfield, Massachusetts
- Dodge, Peter Jackson
Ann Arbor, Michigan
- Doherty, Hamilton, Jr.
Albion, New York
- Donner, Wayne Winters
South Braintree, Massachusetts
- Driver, Michael James
Midland, Michigan
- Dropkin, Gregory Victor
Adelphi, Maryland
- Duffy, David Lee
Port Washington, New York
- Dupuy, Howard Dalton
Prescott, Arizona
- Dustin, Peter G.
Buffalo, New York
- Eisenberg, Edward Lewis
New York, New York
- Ellen, Terence Holliday
Towson, Maryland
- Erickson, Peter Brown
Worcester, Massachusetts
- Eveleth, Jeffrey Saxton
Longmeadow, Massachusetts
- Farley, Thomas William
Grosse Ile, Michigan
- Fels, Thomas Weston
North Bennington, Vermont
- Finerty, James Patrick
Grosse Pointe Woods, Michigan
- Fischel, William Alan
Bethlehem, Pennsylvania
- Fitchen, John Hardy
Hamilton, New York
- Fleming, George Williamson
Summit, New Jersey
- Fliegel, Dorian Joseph
Mineola, New York

SENIORS

- Forrester, Robert Thomas
Drexel Hill, Pennsylvania
- Franklin, Robert Sharp
Dalton, Massachusetts
- Freeman, John Howard
Worcester, Massachusetts
- Friedman, Alan Edward
Denver, Colorado
- Friedman, Philip Michael
Highland Park, Illinois
- Gallant, Michael Charles
Teaneck, New Jersey
- Gantz, Jeffrey Michael
New Hope, Pennsylvania
- Gilmore, Stephen Lewis
Manlius, New York
- Goff, Christopher Godfrey
Swansea, Massachusetts
- Gold, Gary Richard
Hicksville, New York
- Goodearl, Kenneth Ralph
Quaker Hill, Connecticut
- Goodell, James Pierpont Bartlett
Jamestown, New York
- Goodwin, James Simeon
Washington, D.C.
- Gordon, Irvin Dean
Marlboro, New Hampshire
- Goullaud, Eric Lindsey
Royal Oak, Michigan
- Grean, Bruce Charles
Erie, Pennsylvania
- Greene, David
White Plains, New York
- Greene, James Whitney
Fair Haven, New Jersey
- Greenlie, David Graham, Jr.
Wiscasset, Maine
- Greenspan, Peter Tebet
Elkins Park, Pennsylvania
- Greve, Frank John
Staten Island, New York
- Grove, Barry Stephen
Toronto, Ontario, Canada
- Hailey, Jack David
Phoenix, Arizona
- Haines, Michael Robert
Chicago, Illinois
- Hall, Jeffrey Connor
Bethesda, Maryland
- Hamilton, Roger Edward
Chappaqua, New York
- Hannes, Steven Paul
Philadelphia, Pennsylvania
- Hansen, Carlo Giuseppe Maugini
Rome, Italy
- Harris, Alan Wheeler, Jr.
Hawthorne, New Jersey
- Harris, Samuel Young
Myrtle Beach, South Carolina
- Harvey, Barlett, Jr.
McLean, Virginia
- Havighurst, Alan Walter
Shaker Heights, Ohio
- Hayes, Lewis Blyth
Washington, D.C.
- Heller, Keith Stuart
Valley Stream, New York
- Hemley, Robert Benjamin
Woodmere, New York
- Herbert, Rembert Bryce, Jr.
Florence, South Carolina
- Hersh, Marc James
New York, New York
- Hershey, Alan Mark
Pleasantville, New York
- Hill, Frederick David
New York, New York
- Hill, Richard Headley
Rochester, Minnesota
- Ho, Ben Tsun-Lin
Chevy Chase, Maryland
- Hoge, Ronald Norris
Swarthmore, Pennsylvania
- Hunter, Scott John
New Kensington, Pennsylvania
- Hunting, Daniel Booth
Cedar Rapids, Iowa
- Inglis, James
Shaker Heights, Ohio
- Ingram, Kenneth John
Cranford, New Jersey
- Jacobs, George Hewitt
Shavertown, Pennsylvania
- Jaep, William Frederick, Jr.
Wilmington, Delaware
- Jamieson, Stephen Gould
Rochester, New York
- Jessup, Philip Samuel, II
Washington, D.C.

AMHERST COLLEGE

- Johnson, David Stifler
Norfolk, Virginia
- Johnson, Donald Arthur
Rockland, Maine
- Johnson, Glenn Roger
West Hartford, Connecticut
- Johnson, Peter Hart
Montpelier, Vermont
- Jones, Edward Roger, III
Baton Rouge, Louisiana
- Jones, Ray Carlton, Jr.
Chicago, Illinois
- Jones, Russell Gordon
Fitchburg, Massachusetts
- Kambe, Joseph Charles
Philadelphia, Pennsylvania
- Kamoche, Jidlaph Gitau
Lower Kabete, Kenya
- Karol, Jeffrey Warren
Newton Centre, Massachusetts
- Kaufman, Alan Harvey
Youngstown, Ohio
- Kaufman, Christopher Lee
Winnetka, Illinois
- Kawada, Charles Yoichi
Great Neck, New York
- Kawashima, Shigenari
Mitaka, Tokyo, Japan
- Keener, Lee Lanam, Jr.
Waterloo, Ontario, Canada
- Keeney, Robert Leon
Palo Alto, California
- Keith, Ian Forbes
San Francisco, California
- Kelly, J Joseph, III
West Boylston, Massachusetts
- Kelly, Richard Allen
North Bergen, New Jersey
- Khadduri, Farid Majid
Washington, D.C.
- Kierstead, Mark Stuart
Cambridge, Massachusetts
- Kimball, Robert Riopel
Shrewsbury, Massachusetts
- Kimble, Ralph Joseph, Jr.
Linden, Michigan
- Kramer, Michael Stuart
Great Neck, New York
- Krause, Robert David
Providence, Rhode Island
- Kurland, Geoffrey
Rochester, Minnesota
- Laestadius, John Eric, Jr.
Greenfield, Massachusetts
- Lake, Gordon Avery
Evanston, Illinois
- Lass, David Alan
Cincinnati, Ohio
- Lefrak, Richard Stone
Woodmere, New York
- Lehrman, Jonathan Warren
Hewlett Harbor, New York
- Levine, James Alan
Rockville Centre, New York
- Liem, Ronald Kian Hong
Semarang, Indonesia
- Liss, Stuart Frederic
New Bedford, Massachusetts
- Lofgren, Frederick Raymond, Jr.
Wellesley, Massachusetts
- Long, Warren Paul
Evergreen Park, Illinois
- Lucaire, Louis Edward
Ho-Ho-Kus, New Jersey
- Lundahl, Frederick Boyce
Minneapolis, Minnesota
- Lustgarten, Laurence Sam
Brooklyn, New York
- Lyon, Richard Wakeman
Sloatsburg, New York
- Mackenzie, Budd Edward
Washington, D.C.
- MacPhillamy, Douglas John
Chatham, New Jersey
- Madden, Edward Carlisle
Kearny, New Jersey
- Maris, Masri
Djakarta, Indonesia
- McBride, John Leland
Devon, Pennsylvania
- McCarthy, John James, Jr.
Dover, New Jersey
- McCloskey, John Edward, III
Springdale, Pennsylvania
- McClure, Rickey Hutson
Coral Gables, Florida
- McDougal, John Steven
Grand Rapids, Michigan
- McMichaels, John William, Jr.
Chatham, New Jersey

SENIORS

- McMullin, Kimball Ray
Weston, Massachusetts
- McNeil, George Neal, Jr.
Weston, Massachusetts
- Meir, Dennis Scott
Scarsdale, New York
- Miller, Robert Joseph
Easton, Connecticut
- Minkley, Edwin George, Jr.
Holyoke, Massachusetts
- Minutillo, Richard Gregory
Salem, Massachusetts
- Mitchell, David Merwin
Sarasota, Florida
- Morris, George Washington, III
South Orange, New Jersey
- Muir, Warren Roger
Pelham, New York
- Nania, Anthony Joseph
Canaan, Connecticut
- Nash, George Harlan, III
South Hadley, Massachusetts
- Nassberg, Jay Guy
Rockville Centre, New York
- Neill, Mather Humphrey, Jr.
Manchester, Connecticut
- Neisloss, George Robert
West Hartford, Connecticut
- Nelson, Ralph Francis
West Hartford, Connecticut
- Nemethy, Andrew Leslie
Dover, Massachusetts
- Newmann, William Edward
Highland Park, Illinois
- Nixon, Donald Beuter
Rhinebeck, New York
- Notopoulos, Philip James
West Hartford, Connecticut
- Nugent, Christopher William
Gwynedd Valley, Pennsylvania
- Okajima, Sadaichiro
Kitaku, Nagoya, Japan
- Oliver, Thomas True
Amherst, Massachusetts
- Orenstein, David Mark
North Plainfield, New Jersey
- Orkow, Alex Frank
Omaha, Nebraska
- Ostwald, Thomas John
Berkeley, California
- Pace, Jonathan Abernathy
Dallas, Texas
- Peirce, Jonathan Charles
New York, New York
- Perlet, Terry Lee
Summit, New Jersey
- Permesly, Lester Scott
Hollywood, Florida
- Pickert, Perry Lewis
Phoenix, Arizona
- Pierpont, Richard Howe
West Boylston, Massachusetts
- Pittman, John Wesley, Jr.
Atlanta, Georgia
- Power, Patrick Edmund
Torrington, Connecticut
- Prentiss, John Gregory
Hudson, Ohio
- Price, David
Huntington, New York
- Purvis, David Stanley
Darien, Connecticut
- Ratichek, John Anthony
Summit, New Jersey
- Reid, Harry Fielding
Mattapoissett, Massachusetts
- Reneau, Jerald Van
Laconia, New Hampshire
- Rice, Joseph Conrad
Louisa, Kentucky
- Richman, Stephen Erik
Scarsdale, New York
- Rifer, Wayne Earl
Portland, Oregon
- Roehrig, Charles Stockton
Quito, Equador
- Roselene, Edward Albert, Jr.
Little Falls, New Jersey
- Rouse, George Parke, III
Gladwyne, Pennsylvania
- Rubin, Ronald Gary
Cleveland Heights, Ohio
- Ryan, Robert Winslow
Seneca Falls, New York
- Ryerson, William Newton, III
Swarthmore, Pennsylvania
- Sackheim, Donald Edward
Larchmont, New York
- Sager, Anthony Paul
New York, New York

AMHERST COLLEGE

- Sarles, Harvey Jay
Barrington, Rhode Island
- Saronson, Paul Richard
Brooklyn, New York
- Schliemann, Peter Conkling
Beverly, Massachusetts
- Schneider, Douglas Loring
Arlington, Massachusetts
- Schwartz, Martin Snyder
New Haven, Connecticut
- Schwemm, Robert George
Barrington, Illinois
- Searl, Steven Scott
Pittsford, New York
- Segal, Alan Franklin
Worcester, Massachusetts
- Senefelder, James Arthur
Amherst, Massachusetts
- Shapiro, Joel
Medford, Massachusetts
- Shaw, William Steven
Chattanooga, Tennessee
- Shepard, Douglas Brent
Columbus, Ohio
- Simons, Gerry Gale
Montague, Massachusetts
- Simpson, William Jeffrey
Pittsburgh, Pennsylvania
- Skillman, Richard William
East Orange, New Jersey
- Slater, Evan Dexter
Riverside, Connecticut
- Smith, David Williamson
Bronxville, New York
- Smith, Stephen Ensign
Amherst, Massachusetts
- Smith, Thomas Julius
Scarsdale, New York
- Soule, Ralph Stephen
La Grange Park, Illinois
- Spies, Richard Raymond
Rochester, New York
- Staniels, Jeffrey Lewis
Nassau, New York
- Stern, Jeffrey Seymour
Maplewood, New Jersey
- Sterner, Douglas Wyatt
Windsor, Connecticut
- Stillman, Charles Milson
Brookline, Massachusetts
- Strang, Jonathan Peter
Camden, Maine
- Stuckless, John Shearing
Troy, Pennsylvania
- Stumpf, Paul Jergens
Nashville, Tennessee
- Sweeney, Paul Hamilton
New York, New York
- Symansky, Richard David
Troy, New York
- Symons, John Griffith, Jr.
Dundee, Illinois
- Taub, Warren Jay
West Orange, New Jersey
- Taylor, Carson Gitt
Providence, Rhode Island
- Taylor, Charles Roy
Moorestown, New Jersey
- Thomas, Arthur Seymour, III
New London, New Hampshire
- Thompson, Philip Covington
Metairie, Louisiana
- Tivnan, Edward Francis Xavier
Worcester, Massachusetts
- Tracy, Robert James
Alexandria, Virginia
- Trenchard, George Ogden, Jr.
Akron, Ohio
- Tucker, Jeffery James
Houston, Texas
- Tyler, Richard Dale, Jr.
St. Paul, Minnesota
- Villafane, Miguel
Mexico City, Mexico
- vonFrank, Albert James
Convent Station, New Jersey
- Wade, Thomas Kevin
Los Altos, California
- Wales, Douglas Guilbert
Cohasset, Massachusetts
- Wang, William Kai-Sheng
Chevy Chase, Maryland
- Ward, Harold Rathbun, III
Carpinteria, California
- Warner, Edward Parry
Willow Grove, Pennsylvania
- Weinstein, Philip Solomon
Swampscott, Massachusetts
- Weiskel, Thomas Francis
Newton Centre, Massachusetts

SENIORS

Weissberg, Joseph Burt
Elizabeth, New Jersey

Wheeler, William Chamberlain, Jr.
Upper Montclair, New Jersey

White, Jay Vincent
Washington, D.C.

White, John Francis
South Lincoln, Massachusetts

Whitelaw, Robert I.
Shaker Heights, Ohio

Wilde, Harold Richard
Wauwatosa, Wisconsin

Wilkins, Daniel Chaiim
New York, New York

Williams, Jeremy Nathan
Westport, Connecticut

Willius, Jeffrey David
St. Paul, Minnesota

Wilson, Michael Sinclair
Eugene, Oregon

Winter, Robert John
St. Charles, Illinois

Wire, John Lacy
Millbrook, New York

Wolff, John Hugh
St. Paul, Minnesota

Woodard, Charles Clifton
Hastings-On-Hudson, New York

Woodruff, Robert McKim
West Hartford, Connecticut

Yourtee, Edward Lawrence
Clinton, New York

Juniors Class of 1968

Abrams, Lawrence Werner
University City, Missouri

Achenbaum, Wilbert Andrew
Devon, Pennsylvania

Adams, William Tennant
Duluth, Minnesota

Ahrens, Philip Frederick William
Chappaqua, New York

Albert, Allan Praigrod
Miami Beach, Florida

Alberts, Jay Laurence
Cincinnati, Ohio

Allen, Russell Lawton
Des Moines, Iowa

Amsterdam, John Richard
Bala Cynwyd, Pennsylvania

Anderson, Dennis Paul
East Haven, Connecticut

Andrews, Elliott Seabury
Royal Oak, Michigan

Arter, Charles Kingsley, III
Shaker Heights, Ohio

Aung-Thwin, John David
Kodaikanal, India

Baker, Albert Pasquale
Buffalo, New York

Ball, Richard
Westbury, New York

Barker, Stephen Frederic
Dallas, Texas

Barton, David Wichmann
Summit, New Jersey

Bashian, Ronald Stephen
Manhasset, New York

Bateman, Scott French
Highland Park, New Jersey

Beal, Christopher Nigel Houston
Tarrytown, New York

Boger, Robert Shelton
Wayne, Pennsylvania

Bologna, John Richard
Hartford, Connecticut

Bonner, Stephen Barnes
Minneapolis, Minnesota

Booth, Forrest
East Walpole, Massachusetts

Booth, Richard Spaulding
Plattsburgh, New York

Borak, Jonathan Benjamin
Great Neck, New York

Boyer, Bruce Hatton
Evanston, Illinois

Brent, James Foster
Andover, Massachusetts

Bresler, Michael Jay
Silver Spring, Maryland

Brewer, Theodore Skerritt
Syracuse, New York

Brintnall, Michael Arthur
Akron, Ohio

Britt, Thomas Madison
Raleigh, North Carolina

Broad, John Turnbull
Fayetteville, New York

Brock, Robert Melvin, Jr.
Ridgewood, New Jersey

AMHERST COLLEGE

- Brooks, William Russell
Burlington, Vermont
- Brown, Christopher Newell
Princeton, New Jersey
- Brown, Peter Northrop
Wilmington, Delaware
- Bruzelius, Nils Johan
West Redding, Connecticut
- Bryant, Keith Alan
Greene, New York
- Buchheim, Ronald Jay
East Rockaway, New York
- Budlong, Ted Warren
Bedford, New York
- Burt, William Edward
Millburn, New Jersey
- Callahan, Edward Nolan
Baltimore, Maryland
- Chadwick, Timothy John MacKenzie
London, England
- Chaleff, Roy Scott
New York, New York
- Chesler, Lewis Benson
University Heights, Ohio
- Chiew, Choon-Ping
Sarawak, Malaysia
- Chinoy, Marc Paul
Fort Lauderdale, Florida
- Chiu, Sin-Hang
Hong Kong
- Cliff, Thomas Vincent
Grosse Pointe, Michigan
- Cobbs, Nicholas Hamner
Chappaqua, New York
- Cochran, Daniel Chester
Chicago, Illinois
- Collings, Peter John
Ossining, New York
- Conrad, Daniel Schmalz
Baldwin, Maryland
- Cooper, Donald Miles
Allentown, Pennsylvania
- Cushing, Josiah Stearns, II
Middleboro, Massachusetts
- Dagostino, Frederick Bruce
Morrisville, Pennsylvania
- Dallair, Richard Armand
Pittsfield, Massachusetts
- Damashek, Marc
New York, New York
- Davenport, David Sterling
Winnetka, Illinois
- Davidson, John Woodyard
Glendale, Missouri
- Daw, Paul Curtis
Worcester, Massachusetts
- Dein, Bruce Charlesworth, Jr.
Pelham, New York
- Delbaum, Charles Marshall
Woodmere, New York
- DeNero, Henry Thomas
Pleasantville, New York
- Denig, Robert Scott
Moline, Illinois
- Deriel, Jon Kimball
St. Louis, Missouri
- Devoursney, John Andrew
Palatine, Illinois
- Domb, William Cutler
Morristown, New Jersey
- Donnelly, Michael Patrick
North Arlington, New Jersey
- Dorland, Peter Grant
Nashville, Tennessee
- Douglass, John Joseph
Wakefield, Massachusetts
- Dunn, Thomas Freyn
Scarsdale, New York
- Duss, Robert Vignier
Jacksonville, Florida
- Eddy, Robert Devereux, Jr.
Winchester, Massachusetts
- Eldridge, Thomas Haws
Palatine, Illinois
- Evans, David Rountree
Los Angeles, California
- Fabrizio, Michael Anthony, Jr.
East Hampton, New York
- Fischer, Joal
Highland Park, Illinois
- Fisher, Edwin Bailey, Jr.
Hillsdale, New Jersey
- Foster, Luther Hilton, III
Tuskegee Institute, Alabama
- Frank, Kenneth David
Washington, D.C.
- Franks, Brian Sterling
Toronto, Ontario, Canada
- Frantzreb, Richard Brent
Scarsdale, New York

JUNIORS

- Frey, James Lewis
St. Louis, Missouri
- Funnell, David Martin
Joppa, Maryland
- Galbreath, David Evans
Fairless Hills, Pennsylvania
- Galloway, Carl Anthony
Jamaica, New York
- Garrett, Crombie James Dickinson
Annapolis, Maryland
- Gearhart, Samuel Edgington, III
Weston, Connecticut
- Geehr, Robert Benson
Syracuse, New York
- Giese, Edward Blaney
Wellesley, Massachusetts
- Glass, David Leslie
Flushing, New York
- Glazer, John Prescott
Briarcliff Manor, New York
- Godfrey, Raymond Michael
Melbourne, Florida
- Goff, Jeffrey William
Longmeadow, Massachusetts
- Goldman, Andrew Dennet
Lawrence, New York
- Goldman, James Eliot
Bethesda, Maryland
- Goldman, Roger Lawrence
Great Neck, New York
- Goodrich, Paul Blair
Center Ossipee, New Hampshire
- Grasso, Rafael Sergio
Montevideo, Uruguay
- Grasso, Raymond Andrew, Jr.
East Hartford, Connecticut
- Greenlee, David Scott
Tuskegee Institute, Alabama
- Gresko, Michael Andrew
New York, New York
- Guiney, Bartholomew John
Canton, Massachusetts
- Guthrie, Michael Beck
Wayne, Pennsylvania
- Haldeman, Robert George, Jr.
Rowayton, Connecticut
- Hall, John Adams
South Hadley, Massachusetts
- Hall, William Carl
West Hartford, Connecticut
- Handelsman, Harold Samuel
Brooklyn, New York
- Hardaway, Robert Morris, IV
Washington, D.C.
- Harper, Wyatt Eugene, III
Alexandria, Virginia
- Harrison, Robert Dale
Brooklyn, New York
- Harvard, Peter Marvin
Hamden, Connecticut
- Hasse, Colin Farrish
Berkeley, California
- Hastie, William Henry, Jr.
Philadelphia, Pennsylvania
- Hathaway, Clark Prouty
Barrington, Rhode Island
- Hawthorne, Richard Grant
Edina, Minnesota
- Hayden, Michael Dotterer
Amherst, Massachusetts
- Heaney, William Hardy
Oshkosh, Wisconsin
- Helbraun, Mark Edwin
Peekskill, New York
- Helfand, Dennis Eugene
New York, New York
- Herr, Daniel Clements
Bird-In-Hand, Pennsylvania
- Hilliard, Robert Samuel
North Tarrytown, New York
- Ho, Alan Reginald John
Hong Kong
- Ho, Robert Pak Lun
North Point, Hong Kong
- Hodge, Charles Stanley Peter
Granville, Massachusetts
- Holekamp, Louis Robert, Jr.
Kirkwood, Missouri
- Holland, William Edward
Georgetown, Maine
- Holloway, Robert Lee
Snyder, New York
- Horwitt, Joshua Blanchard
Hillsdale, New York
- Howes, Reginald Leroy
Southampton East, Bermuda
- Howland, John Hathaway
Warwick, Rhode Island
- Hung, Sammy Tung Chuen
Kowloon, Hong Kong

AMHERST COLLEGE

- Hunter, Thomas Merrell
Claremont, California
- Igel, George Daniel
New York, New York
- Inglis, Andrew
Shaker Heights, Ohio
- Isserman, Andrew Mark
APO, New York
- Jacobs, Robert Allan, Jr.
New York, New York
- Johnson, Adrian Fitzroy
New York, New York
- Jones, David Nickerson
Brewster, Massachusetts
- Jones, Thomas Evan Bruere
Milwaukie, Oregon
- Kahler, George Alpert
Woods Hole, Massachusetts
- Kahn, Sidney Lawrence, III
Memphis, Tennessee
- Karol, Zachary Roger
New York, New York
- Kassamali, Jaffer
Dar-es-Salaam, Tanzania
- Kaye, Stephen Lowell
Saratoga Springs, New York
- Keiser, Michael Lewis
East Aurora, New York
- Keith, John Johnston, Jr.
Marion, Iowa
- Kelly, William Wright, II
Naples, Italy
- Kennedy, Joseph Bernard, III
Kensington, Maryland
- Kling, Thomas Frederick, Jr.
Orinda, California
- Koch, Steven Ross
Baltimore, Maryland
- Kurth, William Deming
San Clemente, California
- Lander, Lowell Edward
Dayton, Ohio
- Layne, Lawrence Dennis
Louisville, Kentucky
- LeClaire, Arthur Joseph, III
Manchester, Connecticut
- Lehman, John E.
Maplewood, New Jersey
- Lengieza, Paul Francis
Chicopee, Massachusetts
- Lewiecki, Edward Michael, Jr.
Hingham, Massachusetts
- Lewis, Richard Plimpton, III
Dedham, Massachusetts
- Ligenza, Edward Peter, Jr.
Westfield, Massachusetts
- Lincoln, Lawrence Jay
Wilmington, Delaware
- Linford, James Talcott
Piedmont, California
- Lipshutz, Gilbert Robert
Philadelphia, Pennsylvania
- Lobdell, Peter Tillotsen
Red Bank, New Jersey
- Loftus, Thomas Anthony, III
McLean, Virginia
- Looker, Thomas Gordon
New York, New York
- Lorenz, Paul Frank
North Syracuse, New York
- Loring, Stephen Hathaway
Portland, Maine
- Lundberg, Alan Reninger
Amherst, Massachusetts
- Lux, Glenn Alan
Syosset, New York
- Lynch, James Frederick
Hanover, Massachusetts
- Lynn, Leo Edward
Folsom, Pennsylvania
- March, Charles Wells
Tulsa, Oklahoma
- Marinell, James Peter
Coldwater, Michigan
- Mayer, Eric Stephen
Teaneck, New Jersey
- McDonald, Dan Elderkin
Akron, Ohio
- McDougall, Walter Allan
Wilmette, Illinois
- McElroy, David Alan
Dover, New Jersey
- McGavin, Thomas Alfred, Jr.
Arlington, Virginia
- McGrath, John Francis, III
Pleasantville, New York
- McKeag, Ian Tannehill
Swarthmore, Pennsylvania
- Mead, Jeremiah Putnam
Waban, Massachusetts

JUNIORS

- Mersey, James Harris
Lynbrook, New York
- Metcalfe, Philip Earle
Portland, Oregon
- Michaels, David Seth
Westfield, New Jersey
- Miller, Jeffrey Bernard
Baltimore, Maryland
- Miller, Joseph Norbert
Tulsa, Oklahoma
- Miller, Matthew Alan
Delmar, New York
- Miller, Richard McCord, Jr.
La Canada, California
- Mirick, John Odlin
Worcester, Massachusetts
- Mount, John Wadsworth
Plainfield, New Jersey
- Mulligan, Michael Dennis
St. Louis, Missouri
- Nathanson, Tenney J.
New York, New York
- Neugass, Richard Leo
Washington, D.C.
- Neyland, Randolph Archer
Houston, Texas
- Nicolaides, Cleanthis Anthony
Athens, Greece
- Nielsen, Christen John
Mahwah, New Jersey
- Nogami, Yoshiji
Tokyo, Japan
- Normile, Francis James
Setauket, New York
- Nurick, Robert Conrad
Chevy Chase, Maryland
- Nutting, Peter West
Abington, Pennsylvania
- Nye, David Edwin
Bloomfield, Connecticut
- Ogden, Thomas Henry
Harrison, New York
- Osser, David Neal
Harrison, New York
- Outman, James Lee
Denver, Colorado
- Owen, Frank Thomson Henshaw
Phoenix, Arizona
- Parsons, Marcus Lindley, III
Arlington, Virginia
- Pastore, John Wilson
New York, New York
- Perhonis, John Paul
Amherst, Massachusetts
- Peterson, Mark Austin
Ames, Iowa
- Petrino, Michael Anthony, Jr.
Glen Rock, New Jersey
- Pickens, Claude Andrew
Chicago, Illinois
- Pietrafitta, Anthony James, Jr.
Wakefield, Massachusetts
- Pitman, Douglas Jay
Port Washington, New York
- Plume, Stephen Richard
Evergreen, Colorado
- Posner, Edward Martin
Philadelphia, Pennsylvania
- Potter, John Philip
Old Greenwich, Connecticut
- Powar, William Louis
Shaker Heights, Ohio
- Prude, Jonathan Demille
New York, New York
- Radley, Gordon Louis
Chicago, Illinois
- Ransom, Lawrence Bristol
Bronxville, New York
- Repplier, Banning, Jr.
New Haven, Connecticut
- Rhodes, John Frederick, Jr.
Lehigh, Pennsylvania
- Rhone, Henry Gene
Richmond, Virginia
- Rice, Thomas Bothwell
Amherst, Massachusetts
- Riess, Jonathan Benjamin
Brooklyn, New York
- Riskind, Robert David
Chicago, Illinois
- Roberts, Allen Fraleigh
West Hartford, Connecticut
- Robinson, William Clarence, III
Washington, D.C.
- Rock, Andrew Vincent
Silver Spring, Maryland
- Roehrig, Matthew Grahame
Andover, Massachusetts
- Rose, William Jay, II
Swampscott, Massachusetts

AMHERST COLLEGE

- | | |
|--|---|
| Rosenfeld, Mark Kenneth
<i>Jackson, Michigan</i> | Spina, Francis Xavier
<i>Pittsfield, Massachusetts</i> |
| Roush, George Colton
<i>Peninsula, Ohio</i> | Springer, David Richard
<i>Baltimore, Maryland</i> |
| Ryan, Thomas Wadsworth
<i>Manlius, New York</i> | Springer, Felix Joseph
<i>Hartford, Connecticut</i> |
| Rytuba, James John
<i>Hadley, Massachusetts</i> | Stewart, David Ewing, Jr.
<i>Columbia, South Carolina</i> |
| Saks, Nelson Simon
<i>Springfield, Massachusetts</i> | Stifler, John Reed
<i>Nashville, Tennessee</i> |
| Salem, Richard Peter
<i>North Brookfield, Massachusetts</i> | Stoeckle, David Bruce
<i>Darien, Connecticut</i> |
| Savage, Edward Turney
<i>Westfield, New Jersey</i> | Stolper, Donald Newton
<i>Hartford, Connecticut</i> |
| Savage, Theodore James
<i>North Branch, New Jersey</i> | Stratton, Robert Walter
<i>Malverne, New York</i> |
| Schell, Joseph Marshall
<i>Purchase, New York</i> | Strong, Robert Sinclair
<i>West Islip, New York</i> |
| Schlessinger, Peter Martin
<i>Woodbury, New York</i> | Studley, Michael Hunt
<i>Hingham, Massachusetts</i> |
| Schmidt, Joel Otis
<i>Indianapolis, Indiana</i> | Sullivan, Richard Joseph
<i>Stony Point, New York</i> |
| Scribner, Donald John
<i>Mountain Lakes, New Jersey</i> | Sumida, Stephen Hiro
<i>Aiea, Hawaii</i> |
| Sharp, Michael Conant
<i>East Lansing, Michigan</i> | Sunstein, Paul William
<i>Wyncote, Pennsylvania</i> |
| Shechtman, Ronald Howard
<i>West Hartford, Connecticut</i> | Taggart, Robert Alexander, Jr.
<i>Birmingham, Michigan</i> |
| Sherman, Robert Spink
<i>Providence, Rhode Island</i> | Takemori, Michael Teruki
<i>Honolulu, Hawaii</i> |
| Simonson, Walter Miller
<i>College Park, Maryland</i> | Tapia, Jorge Luis, Jr.
<i>Bronx, New York</i> |
| Sleeth, George Kendall
<i>Chatham, New Jersey</i> | Taylor, Alfred Brandon, III
<i>Moore, South Carolina</i> |
| Smead, William Lewis
<i>Nashville, Tennessee</i> | Taylor, James Deming
<i>Rockville, Connecticut</i> |
| Smith, Michael Vernon
<i>Latham, New York</i> | Taylor, Thomas Howard
<i>Plantsville, Connecticut</i> |
| Smith, Richard Thomas
<i>St. Louis, Missouri</i> | Teague, John Frederick
<i>Newport, New Hampshire</i> |
| Smith, Robert Edwin
<i>Linden, New Jersey</i> | Temchin, Jacob Lazarus
<i>Florida, New York</i> |
| Smith, Roderick Charles
<i>Missoula, Montana</i> | Tibbetts, Clark Joseph Bullock
<i>McLean, Virginia</i> |
| Smyth, Kermit Campbell
<i>Westwood, Massachusetts</i> | Tilles, Roger Bruce
<i>Great Neck, New York</i> |
| Solins, Jonathan David
<i>Tenafly, New Jersey</i> | Townsend, David Bruce
<i>Nutley, New Jersey</i> |
| Solomon, Lewis Roberts
<i>Fair Lawn, New Jersey</i> | Townsend, Robert William
<i>Fitchburg, Massachusetts</i> |

JUNIORS

- Tracy, William Wellman
Alexandria, Virginia
- Velissaropoulos, Andreas Dimitri
Athens, Greece
- Wachtell, Kenneth Mason
Mamaroneck, New York
- Wade, Harold
Jamaica, New York
- Walker, Allen Rolf
New Haven, Connecticut
- Wallace, James Davis
Phoenix, Arizona
- Warner, Daniel Harry
New York, New York
- Warrington, Robert Spencer
Bronxville, New York
- Wasserstein, Alan George
West Hempstead, New York
- Weaver, David Walter
Larchmont, New York
- Wehner, Burkhard Elimar
Waldersee, West Germany
- Weinstein, David Max
Seattle, Washington
- Weiss, Robert Lowell, Jr.
Wooster, Ohio
- Widness, John Andrew
Lynnfield, Massachusetts
- Willcox, Alanson Walter
Washington, D.C.
- Willis, Charles Timothy
Framingham, Massachusetts
- Woodworth, Robert Ames
Farmington, Connecticut
- Yamaguchi, Masatoshi
Tokyo, Japan
- Young, Malcolm Caldwell
Portland, Oregon
- Young, Richard Hallam
Glens Falls, New York
- Zipke, Allen Paul
Plantsville, Connecticut
- Sophomores Class of 1969**
- Abramson, Jeffrey Bruce
Cheltenham, Pennsylvania
- Aftergut, Dennis
St. Louis, Missouri
- Ahearn, Michael Alan
Milton, Massachusetts
- Alexander, James Kermott, Jr.
Houston, Texas
- Allen, Franklin Gordon, III
Baltimore, Maryland
- Alstad, Donald Norman
Wayland, Massachusetts
- Altschul, David Edwin
Yonkers, New York
- Aronie, Seth Isaac
Concord, Massachusetts
- Aronson, Richard Allan
New York, New York
- Baron, Frederick David
Olivette, Missouri
- Barrett, Timothy James
Holyoke, Massachusetts
- Barrett, William Felton, III
Great Barrington, Massachusetts
- Bartlett, Joel Emerson
Berkeley, California
- Bazenas, Waldemar
Naugatuck, Connecticut
- Bean, John Michael
Minneapolis, Minnesota
- Beebe, Marcus Gilbert, Jr.
Boston, Massachusetts
- Begg, Robert Burns, Jr.
Fort Devens, Massachusetts
- Berglund, Robert Edward
Amherst, Massachusetts
- Berlin, Richard Lawrence
Newark, New Jersey
- Blum, Alan Mayer
Cedarhurst, New York
- Boicourt, James Evan
Amherst, Massachusetts
- Bollinger, Evan Adair, Jr.
Rochester, New York
- Boswell, Thomas Murray
Washington, D.C.
- Boyle, Brian Edward
Fort Eustis, Virginia
- Bramble, Guy Alwyn
Southfield, Michigan
- Breed, Charles Everett
Stanford, California
- Brightman, Alan Jay
Hull, Massachusetts

AMHERST COLLEGE

- Brown, Robert Horatio, Jr.
Chevy Chase, Maryland
- Carroll, Richard Edwin
Merrick, New York
- Casey, Coleman Hampton
West Redding, Connecticut
- Cashmore, Terry Frank
Penfield, New York
- Castle, Charles Anthony
Newport, Rhode Island
- Clapp, David Arden
Syracuse, New York
- Clark, Thomas Welcome
Brookline, Massachusetts
- Clarke, Edward Morton, Jr.
Newton Upper Falls, Massachusetts
- Cocroft, James Ralph
Glenview, Illinois
- Cohn, Steven Mark
Roslyn Heights, New York
- Colburn, Donald Adams
Wellesley Hills, Massachusetts
- Cole, Francis Sessions, III
Providence, Rhode Island
- Collins, Stephen Weaver
Hastings-on-Hudson, New York
- Comenzo, Raymond Luke
Lutherville, Maryland
- Congdon, James Herbert
Cranston, Rhode Island
- Conn, Howard
Hampton, Virginia
- Conover, Kirk Howard
Quaker Hill, Connecticut
- Corcoran, David
Upper Nyack, New York
- Corey, Edward Lee, Jr.
New York, New York
- Cox, Henry Douglas
Terre Haute, Indiana
- Cranch, Laurence Edward
Bryn Athyn, Pennsylvania
- Cuda, Anthony Charles
New Hartford, New York
- Daloz, Charles Roland
Peterborough, New Hampshire
- Davidowicz, Robert Stanley
Gardner, Massachusetts
- Davison, Ellis Haven
Grindstone, Pennsylvania
- Dean, Stewart
Louisville, Kentucky
- DeLaurentis, Michael
Havertown, Pennsylvania
- Dick, James Vernon
Wellesley Hills, Massachusetts
- Dickinson, Mark Craine
Lunenburg, Massachusetts
- Dilg, Lawrence Edwin, Jr.
Hewlett, New York
- Dunkerley, Craig Gordon
Edina, Minnesota
- Dwyer, Robert Jeffrey
Elizabeth, New Jersey
- Edelman, Richard Scott
Great Neck, New York
- Edie, David Boyd
Minneapolis, Minnesota
- Elmendorf, Calvin Lindsay
Sarasota, Florida
- English, James Russell, III
Shamokin, Pennsylvania
- Esposito, Paul Joseph
Wellesley Hills, Massachusetts
- Eustis, Andrew Claypoole
Cincinnati, Ohio
- Evans, Peter Marlin
Santa Barbara, California
- Fein, Robert Allen
Mount Vernon, New York
- Finn, Paul David
Malden, Massachusetts
- Fishaut, Jack Mark
Vancouver, British Columbia, Canada
- Fisher, Jeffrey Dorrington
Creve Coeur, Missouri
- Flaccus, Peter Kimball
Missoula, Montana
- Fleming, Standish Mitchell
South Laguna, California
- Forester, Gary Paul
Oradell, New Jersey
- Fort, David Bayard
Plainfield, New Jersey
- Foster, William James, IV
Pleasantville, New York
- Fowler, Theodore Vietor, IV
Toledo, Ohio

SOPHOMORES

- Foye, William Lawrence, Jr.
New London, Connecticut
- Francis, Richard McMaster
Charleston, West Virginia
- Friedman, Dennis Gordon
Shaker Heights, Ohio
- Gaddis, Eugene Richard
Newark, Delaware
- Garland, Russell Mackie
Hingham, Massachusetts
- Garrett, Michael Dennis
Stockton Springs, Maine
- Garton, Joseph Walter
Sheboygan, Wisconsin
- Gibbons, James Curtis
Greenwich, Connecticut
- Giddings, David Gibson
Bennington, Vermont
- Giddings, James Potter
Bennington, Vermont
- Glassman, William Edward
Pawtucket, Rhode Island
- Golann, Dwight Emmanuel Goldberg
Keene, New Hampshire
- Goldstein, Daniel Frank
Paris, France
- Gordon, Claudius Alexander
Richmond, Virginia
- Gould, Blake Richard
Morrisville, Vermont
- Green, Mathewson Bushnell
Missoula, Montana
- Greenberg, Michael Alan
Silver Spring, Maryland
- Greenstone, Wayne David
Livingston, New Jersey
- Greenthal, John Lewis
New York, New York
- Gregory, Richard Harrington, III
Bronxville, New York
- Griffiths, James Riley
Park Ridge, Illinois
- Grimes, Justin Paul
Waltham, Massachusetts
- Grinnell, Daniel Voorhis
New York, New York
- Gross, Marvin Marc
Evanston, Illinois
- Haggerty, Raymond Carpenter, III
Bethlehem, Pennsylvania
- Hardy, Timothy Steiner
Olympia Fields, Illinois
- Harrington, Sherwood
Norwich, New York
- Hart, William Earl
Pittsford, New York
- Hatton, Edward Henry, Jr.
Northbrook, Illinois
- Hawkins, David Rollo, Jr.
Chapel Hill, North Carolina
- Hedin, Todd Christopher
San Anselmo, California
- Heinlein, David Arthur
Piscataway, New Jersey
- Henderson, Stuart Clyde
Chatham, New Jersey
- Henning, Peter Hemphill
Aurora, Illinois
- Herzog, Michael Robert
Pittsford, New York
- Hessney, Richard Charles
Rochester, New York
- Hibbard, Thomas Dawes
Hartland, Wisconsin
- Hight, Frank Hanford
Short Hills, New Jersey
- Hills, David James
Nashua, New Hampshire
- Hoffmann, Thomas Burton
Paramus, New Jersey
- Hogan, Bruce Wagner
Bad Axe, Michigan
- Hogg, Ronald Walter
Philadelphia, Pennsylvania
- Holmes, Edwin Theodore
Fitchburg, Massachusetts
- Howe, Jeffrey Gordon
Moscow, Idaho
- Howell, David Charest
Worcester, Massachusetts
- Howland, Paul
Shaker Heights, Ohio
- Hoxie, Frederick Eugene
Honolulu, Hawaii
- Huising, Jurgen
Fishers Island, New York
- Iben, Thomas Reinhard
Peoria, Illinois
- Ingle, Grant Meriwether
Hampden, Massachusetts

AMHERST COLLEGE

- Ives, Donald Frank
Amherst, Massachusetts
- Jackson, Jeffrey Mack
Beachwood, Ohio
- Jacobs, Douglas Lee
Lanesboro, Massachusetts
- Jacobson, Richard Craig
Flushing, New York
- Jankowski, Thaddeus Alphonse
Chicago, Illinois
- Joas, Edward Andrew
Hampton, New Jersey
- Johnson, Christopher Dwight
Darien, Connecticut
- Johnson, William L.
Teaneck, New Jersey
- Jones, Kent Leonard
Tripoli, Libya
- Jones, Robert Penfield, Jr.
Albany, New York
- Jones, Thomas Wetteland
Chicago, Illinois
- Kaczynski, Ronald Charles
Andover, Massachusetts
- Kahn, Edward Stanton
Trenton, New Jersey
- Kaltsas, Harvey Nicholas James
Worcester, Massachusetts
- Karasick, Ira Barry
Roslyn Heights, New York
- Kass, Jared Daniel
New Rochelle, New York
- Keating, William Barry
Florence, Massachusetts
- Keller, Daniel Whittemore
Laconia, New Hampshire
- Kelley, Thomas Buchan
Winnetka, Illinois
- Kelly, Thomas Edward
Reading, Massachusetts
- Kicza, John Edward
Florence, Massachusetts
- Klugman, Robert David
Havertown, Pennsylvania
- Knapp, Richard David
Philadelphia, Pennsylvania
- Knopf, Paul Vanderbilt
New York, New York
- Kovacs, Alan Lawrence
Poughkeepsie, New York
- Kraemer, Michael Frederick
Springfield, New Jersey
- Landis, Eric
Highland Park, New Jersey
- Laurence, David Ernst
Swampscott, Massachusetts
- Lawlor, John Gary
Pittsburgh, Pennsylvania
- Lawrence, Philip Joshua
Port Washington, New York
- Lee, James Howard
Fairfield, Connecticut
- Lehto, Richard Henry
Fitchburg, Massachusetts
- Leinbach, John Delong, Jr.
Byram, Connecticut
- Leininger, Christopher Yves Jerrell
Amherst, Massachusetts
- Levin, Jack Gary
University City, Missouri
- Levy, Ronald Stuart
Uniontown, Pennsylvania
- Lewis, D. Robert, Jr.
Rochester, New York
- Lewis, Karle Duncan
Worcester, Massachusetts
- Liias, Jurgen Wilhelm
Charlestown, Massachusetts
- Lipscomb, John Dewald
Deerhurst, Wilmington, Delaware
- Lotto, Edward Ernest
Uniondale, New York
- Lovejoy, Samuel Holden
Wilbraham, Massachusetts
- Luce, Charles Beardsley
Bloomfield, Connecticut
- Lundholm, Thomas John
Minneapolis, Minnesota
- Lynch, Michael Fowler
Arkadelphia, Arkansas
- Lyons, Edmund Daniel, Jr.
Wilmington, Delaware
- Machemer, Paul Aubrey
Oakland, Maine
- Magee, Douglas Cady
Rome, New York
- Maier, James Hollingsworth
Bryn Mawr, Pennsylvania
- Mann, William Joseph, Jr.
West Hartford, Connecticut

SOPHOMORES

- Manzolari, John Clayton
Rochester, New York
- Marblestone, Robert Andrew
Manhasset, New York
- Marks, John Callison
Spokane, Washington
- McCaffrey, Timothy Barry
Swarthmore, Pennsylvania
- McCombs, Richard Nelson
Tallmadge, Ohio
- McCormick, Richard Levis
Piscataway, New Jersey
- McDowell, John Anders
West Chester, Pennsylvania
- McGowan, William Edward
Storrs, Connecticut
- McGrath, Michael Anthony
Natick, Massachusetts
- McNeary, Stephen Adams
Merion Station, Pennsylvania
- Meadow, William Lee
Roslyn Heights, New York
- Mehdevi, Alexander Sinclair
Abadan, Persia, Iran
- Meyer, James, Jr.
Harrison, New York
- Michelmores, David Larkin
Foxboro, Massachusetts
- Miller, Robert Sargent
Bradford, Massachusetts
- Mittenthal, Robert Barry
Louisville, Kentucky
- Moates, Guy Paul
Lexington, Massachusetts
- Mohlman, Joseph Gray, Jr.
Fairfield, Connecticut
- Moore, David Thornton
White Plains, New York
- Morgan, Charles Brooke
Pottstown, Pennsylvania
- Morgan, Paul Francis
Eleale Kauai, Hawaii
- Morse, Thomas Webb
Concord, New Hampshire
- Muigai, Ngengi
Central Province, Kenya
- Murray, Alexander Gordon
Winnetka, Illinois
- Murray, Jeremiah Joseph
Long Island City, New York
- Nagler, Steven Franklin
Queens Village, New York
- Nagorski, Andrew Zygmunt
Paris, France
- Neel, Stephen Edward
Louisville, Kentucky
- Nimmons, Madison Henry, III
East Cleveland, Ohio
- Nostrand, Peter Ford
Manchester, Connecticut
- O'Grady, Gene Michael
Palo Alto, California
- O'Malley, Terrence Adams
Holyoke, Massachusetts
- Ong, Nai-Theow
Penang, Malaysia
- Paige, Steven Harlan
Amherst, Massachusetts
- Panigua, Mario Luis
Santurce, Puerto Rico
- Parkinson, James Raymond
Amherst, Massachusetts
- Patton, Ward Harris, III
Sarasota, Florida
- Peltzer, Wesley Watson
Salt Lake City, Utah
- Peterson, Kent Davis
Evanston, Illinois
- Pfeiffer, William Sanborn
Hudson, Ohio
- Phillips, John Work Garrett
North Haven, Connecticut
- Phreaner, David Gray
Plandome, New York
- Pistel, John Alan
Middletown, Connecticut
- Popejoy, John Alan
Malvern, Pennsylvania
- Posner, Joshua Lowe
New Rochelle, New York
- Post, Edward Tanner, Jr.
Chappaqua, New York
- Potter, Robert Anderson, Jr.
Summit, New Jersey
- Preston, Richard Stephen
Short Hills, New Jersey
- Quinn, Joseph Francis, Jr.
Baltimore, Maryland
- Rea, David Sherman
Ann Arbor, Michigan

AMHERST COLLEGE

- Reay, David Simmons
Garden City, New York
- Revington, George Daley, IV
West Lafayette, Indiana
- Roberts, David Hall
Washington, D.C.
- Rodgers, Terry Philip
Potomac, Maryland
- Rube, Allan Joseph
Melbourne, Florida
- Santonelli, Steven
Wakefield, Massachusetts
- Sargent, Peter Bradley
South Byfield, Massachusetts
- Sather, Robert Patton
Teaneck, New Jersey
- Sauer, Robert Thomas
Cornwall-on-Hudson, New York
- Saunders, William George, Jr.
New Britain, Connecticut
- Savidge, George Mark
Lambertville, New Jersey
- Schaeffer, Michael Meabon
Philadelphia, Pennsylvania
- Sellin, Joseph Henry
Syracuse, New York
- Sendzik, Jay Conway
Brick Town, New Jersey
- Shaffer, Gregory John
Nutley, New Jersey
- Shahnawaz, Muneer
Karachi, Pakistan
- Sherman, David George
Fort Lee, New Jersey
- Sieck, John Carleton
Scarsdale, New York
- Siffert, John Sand
New York, New York
- Silverman, Jay Ross
Rockville Centre, New York
- Silvestri, Peter Beradino
Hartford, Connecticut
- Simpkins, Cuthbert Ormond, II
Hollis, New York
- Simpson, Robert Emmett, Jr.
Longmeadow, Massachusetts
- Smith, James Harold
Amherst, Massachusetts
- Snedecor, Peter James
Shaker Heights, Ohio
- Snyder, Colby Hopewell
Lancaster, Pennsylvania
- Spear, Brian Blackburn
Bloomfield, New Jersey
- Spratford, Michel Lawrence
Somerville, New Jersey
- Sproul, Robert Bowden
Wakefield, Massachusetts
- Stahr, John Thompson
Staten Island, New York
- Stauffer, Kent Thompson
Trotwood, Ohio
- Steinhart, Jonathan Ralph
Roselle, New Jersey
- Steinman, James Richard
Hewlett Harbor, New York
- Steketee, Richard Walton, Jr.
East Grand Rapids, Michigan
- Sternlieb, Jeffrey Laurence
Kingston, Pennsylvania
- Sullivan, Daniel Joseph, Jr.
Waterbury, Connecticut
- Susi, Peter
Pittsfield, Maine
- Swanson, Robert Ernest
Feeding Hills, Massachusetts
- Tate, Ralph Stewart
Davenport, Iowa
- Tatum, Charles Maris, Jr.
Red Bank, New Jersey
- Taylor, Geoffrey Preston
Middleton, Wisconsin
- Teller, Raymond Joseph
Philadelphia, Pennsylvania
- Thalmann, William Gregory, III
Long Valley, New Jersey
- Thewlis, Patrick Edward
Marblehead, Massachusetts
- Thomas, Frank Michael, Jr.
Pittsburgh, Pennsylvania
- Thompson, Loran Tyson
New York, New York
- Thompson, William Albert
Lynnfield, Massachusetts
- Thompson, William Wilson, II
Martinsburg, West Virginia
- Tobis, Jonathan Marvin
Manhasset, New York
- Uman, Howard Michael
Springfield, Massachusetts

SOPHOMORES

- Urrizola, Manuel Michael, Jr.
Stockton, California
- Vajda, Jorge Americo Ladislau
Sao Paulo, Brazil
- Van Oss, Adriaan Cornelis
Royal Oak, Michigan
- Viscardi, Frederick John, Jr.
Great Barrington, Massachusetts
- Wallace, Bruce Gordon
Westfield, New Jersey
- Ward, Stephen Goldthwait
Alexandria, Virginia
- Warner, Thomas Seth
Syosset, New York
- Warr, Jesse James, III
Hyattsville, Maryland
- Waters, Emory Wallace
Petersburg, Virginia
- Weaver, Peter Charles
Pittsburgh, Pennsylvania
- Webb, Morrison DeSoto
South Salem, New York
- Weissman, Jon Ruston
Alexandria, Virginia
- Wells, Durbin Harper, Jr.
Sturbridge, Massachusetts
- Weyl, Stephen Edward
Philadelphia, Pennsylvania
- Whiteside, David Sandin
Brunswick, Maine
- Wilcox, Jamison Van Voorhees
North Branch, New Jersey
- Wilken, Alan Warren
Fairbanks, Alaska
- Williams, Mason Miller
Richmond, Virginia
- Willoughby, Richard Rawlings
Warren, Ohio
- Wilson, Scott Ormsbee
Eugene, Oregon
- Winther, Eric Anton
Bloomington, Indiana
- Wojtowicz, Richard Allen
Amherst, Massachusetts
- Wolf, Edwin Mershon
Cambridge, Massachusetts
- Alford, William Philip
Newton Centre, Massachusetts
- Allen, Timothy Hewitt
Chicago, Illinois
- Alpert, Bernard Stephen
Potsdam, New York
- Anderson, John Robert
Minneapolis, Minnesota
- Ans, Martins Ernests
Cheyenne, Wyoming
- Armour, Timothy Woodhouse
Lewiston, Idaho
- Ash, Mitchell Graham
Louisville, Kentucky
- Ashman, Jay Irwin
Summit, New Jersey
- Auten, David Thomsen
Rochester, New York
- Bacon, William Charles
Brighton, Massachusetts
- Bailey, Morris Edward
Syracuse, New York
- Battocchi, Ronald Silvio
Hartford, Connecticut
- Baxter, William Hubbard, III
Birmingham, Alabama
- Bayne, Bruce George Cuthbert
New York, New York
- Beach, David Hugh
Tarrytown, New York
- Beel, William James, Jr.
Birmingham, Michigan
- Beerbower, John Edwin
Dayton, Ohio
- Benatti, Paul Vernon
Provincetown, Massachusetts
- Bentley, George William
Amherst, Massachusetts
- Bernstein, Robert
West Orange, New Jersey
- Bertkau, Richard Cole
Bedford Hills, New York
- Biggs, Selden Ernest
Belmont, Massachusetts
- Bingham, Robert Dorsey
Shaker Heights, Ohio
- Bohman, Eric James
Royal Oak, Michigan
- Bookhout, David Alan
Oneonta, New York

Freshmen Class of 1970

- Abrams, Mark Abraham
Brooklyn, New York

AMHERST COLLEGE

- Bourke, Thomas Krebs
Bethesda, Maryland
- Bourque, Robert Edward
Augusta, Maine
- Bowlus, James Edward
London, Ohio
- Boyd, Timothy Wayne
Pennington, New Jersey
- Boyer, Kenneth Duncan
Brooklyn, New York
- Bradley, William J.
Flint, Michigan
- Brandt, Eric Stuart
Orange, Connecticut
- Brinkley, James Foote, III
Seattle, Washington
- Brock, Thomas Norris
Ridgewood, New Jersey
- Brooks, Peter Sears
Cincinnati, Ohio
- Cabot, James Bass
Wenham, Massachusetts
- Cahan, David Harry
Brookline, Massachusetts
- Caldwell, Samuel Dean, IV
Swarthmore, Pennsylvania
- Callaway, Ely Reeves
New Canaan, Connecticut
- Carafiol, Peter Coulter
St. Louis, Missouri
- Carl, Jerrold DeKoven
Highland Park, Illinois
- Carlone, Robert Leo
Red Bank, New Jersey
- Carlson, Christopher Tapley
New Canaan, Connecticut
- Carlton, David Lee
Spartanburg, South Carolina
- Carter, William Leaphart
Elmhurst, Illinois
- Chanin, Philip
Nashville, Tennessee
- Checchi, Alfred Attilio
Silver Spring, Maryland
- Cheng, Ronald Chung-Kuo
Hong Kong
- Cianciolo, George James
Waterbury, Connecticut
- Cichon, David Robert
Bristol, Connecticut
- Civin, Curt Ingraham
Boxford, Massachusetts
- Clark, Douglass Burns
Coral Gables, Florida
- Clegg, Timothy Turner
Chappaqua, New York
- Clift, William Biggs, III
Andover, Massachusetts
- Clyne, Terence Donelon
New York, New York
- Cogley, Christopher
New York, New York
- Cohen, Jonathan William
Bethesda, Maryland
- Cole, Kevin John
Park Forest, Illinois
- Colglazier, Michael Davis
Bel Air, Maryland
- Conger, Steven Janeway
Denver, Colorado
- Cook, Edmund Garretson, III
Rosemont, Pennsylvania
- Cooke, Carlton Perry, III
Buffalo, New York
- Craige, Ernest, Jr.
Chapel Hill, North Carolina
- Crary, James George
Huntington, New York
- Crouch, Charles Miller
Bridgeport, Connecticut
- Cummins, David Bryan
Hewlett, New York
- Curry, James Elliot
Oak Park, Illinois
- Dash, Harold
Wyncote, Pennsylvania
- Davis, Mark Winslow
Katonah, New York
- Decyk, Viktor Konstantyn
Colrain, Massachusetts
- Dein, James Lindall
Pelham, New York
- DeLapp, Bary Craig
New Canaan, Connecticut
- DeMaria, Robert, Jr.
Huntington, New York
- Denyer, Brian Lindsay
Carnoustie Angus, Scotland
- Dewdney, John Ronald
Newmarket, New Hampshire

FRESHMEN

- Dibble, Francis Daniel, Jr.
Marion, Massachusetts
- Diggs, Bradley Craig
Missoula, Montana
- Dijk, Robert Piller
Caracas, Venezuela
- Dorman, Peter Fitzgerald
Blauvelt, New York
- Dorman, Thomas Kirk
Rockville, Maryland
- Dorwart, David Andrew
Mansfield Center, Connecticut
- Driscoll, Brian Girard
Beltsville, Maryland
- Duboff, Robert Samuel
Scarsdale, New York
- Edelstein, William
Brooklyn, New York
- Edwards, Walter Sherman
Rumford, Rhode Island
- Einhorn, Jonathan Jay
New Haven, Connecticut
- Eisen, William Jay
University Heights, Ohio
- Eisenhower, Dwight David, II
Phoenixville, Pennsylvania
- Faris, George Thomas, IV
Glenside, Pennsylvania
- Farrell, Paul Raymond
Oceanside, New York
- Ferguson, Charles Augustus, Jr.
Bethesda, Maryland
- Fincke, Andrew Luther
Havertown, Pennsylvania
- Fiske, Stephen Howard
Middlebury, Vermont
- Forbess, John David
Longmeadow, Massachusetts
- Foster, Stephen Matthews
Andover, Massachusetts
- Fowler, John Homer
Enfield, Connecticut
- Franchot, Peter Van Rensselaer
New York, New York
- Garberson, James Whitney
Chappaqua, New York
- Gaspard, Richard Eddy, Jr.
Shady Cove, Oregon
- Gaymon, William Victor
Silver Spring, Maryland
- Gilliss, Thomas Park
Stamford, Connecticut
- Goggin, John Keith
Magnolia, Massachusetts
- Gomory, Paul Louis, Jr.
Bethesda, Maryland
- Goodwin, James Hildreth
Darien, Connecticut
- Gordon, Joseph Wayne
Skokie, Illinois
- Grahame, John Dakin
Amherst, Massachusetts
- Green, Christopher Ellis
Winchester, Massachusetts
- Greenberg, John Stewart
Elkins Park, Pennsylvania
- Greenblatt, Daniel Lawrence
Newton Highlands, Massachusetts
- Greene, Christopher Taylor
Angola, New York
- Griffin, Francis Lee
Petersburg, Virginia
- Griggs, Lewis Brown
St. Paul, Minnesota
- Hall, Mark Roberts
Seattle, Washington
- Handsher, David Samuel
University City, Missouri
- Harrington, Richard Daniel
Springfield, Massachusetts
- Harris, Mark P.
Briarcliff Manor, New York
- Hawley, Bruce Peterson
East Orange, New Jersey
- Hayes, William Danforth, III
Worcester, Massachusetts
- Hemenway, Andrew Maine
Northford, Connecticut
- Henry, Millard Lafayette
McAlester, Oklahoma
- Herkenham, Miles Alan
Mill Valley, California
- Hibbard, Chase Tyler
Helena, Montana
- Hicks, Peter Clayton
Worcester, Massachusetts
- Hodson, John Ralph
Brussels, Belgium
- Hogness, Erik Rusten
Seattle, Washington

AMHERST COLLEGE

- Hoke, Barry Owen
Casper, Wyoming
- Horan, Thomas Francis
Edina, Minnesota
- Howard, David Alan
Great Neck, New York
- Howland, Peter Adoue
Warwick, Rhode Island
- Humphrey, Peter Whiting
Ithaca, New York
- Hunt, Charles David
Columbus, Ohio
- Huseman, Floyd Van
Corpus Christi, Texas
- Inouye, Allan Ames
Honolulu, Hawaii
- Jacobson, Abram Robert
Newton, Massachusetts
- Jaffe, Alan Howard
Great Neck, New York
- James, Ellery Meredith
Mahtomedi, Minnesota
- Jarchow, Bruce Alan
Winnetka, Illinois
- Johnson, Bruce Stuart
Basking Ridge, New Jersey
- Jones, Lawrence Massey
Baltimore, Maryland
- Kalter, James Andrew
New York, New York
- Kaplan, Michael Matthew
Newton, Massachusetts
- Karanikolas, William George
Glen Rock, New Jersey
- Kawano, Arnold Hubert
Merion Station, Pennsylvania
- Kehoe, John Edward
Davenport, Iowa
- Kellogg, Richard Gregory
Boothbay, Maine
- Kelly, John Thomas
West Deerfield, Massachusetts
- Kent, Stephen Peck
Denver, Colorado
- Kenworthy, James Nelson
Colonia, New Jersey
- Kingsley, Samuel John
Pacific Palisades, California
- Klinedinst, Charles Broeman
Cincinnati, Ohio
- Knowlton, Robert Gentry
Arlington, Virginia
- Knox, James Charlton
Basking Ridge, New Jersey
- Krieger, Karl Hemingway
Missoula, Montana
- Kuehn, Robert Stebbins
Wayzata, Minnesota
- Kyff, Robert Stewart
Armonk, New York
- LaFerriere, Paul Gerard
Cherry Hill, New Jersey
- Lamb, John Francis, Jr.
Scarsdale, New York
- Lane, Paul Douglas
Arlington, Virginia
- Laurence, Hugh Getty
Whitby, Ontario, Canada
- Leavitt, Andrew Morton
Los Angeles, California
- Levine, Lawrence William
Rockville Centre, New York
- Levine, Peter Mark
Brooklyn, New York
- Lin, John Pou-Chung
Flushing, New York
- Litowitz, Robert Harold
Yonkers, New York
- Lobel, Steven Mark
Rockville Centre, New York
- Lwebuga-Mukasa, Jamson
Kampala, Uganda
- Mantica, Robert Philip
Milton, Massachusetts
- Manwell, James Francis
Hudson, Ohio
- Martin, Kenneth Trerise
Rye, New York
- Mastronarde, Donald John
Hartford, Connecticut
- May, Kenneth Sargeant
Amherst, Massachusetts
- Mays, Samuel Hardwicke, Jr.
Memphis, Tennessee
- Mays, Stuart O'Donald Roberts
Helsinki, Finland
- McEvoy, Peter Bens
Bangor, Maine
- McGec, Palmer Scott, III
Farmington, Connecticut

FRESHMEN

- McGuire, Lawrence Artillus, Jr.
Bellevue, Washington
- McNeer, Richard Mason, III
Montpelier, Vermont
- Meek, Allen George
Wilton, Connecticut
- Meeker, Richard Halliday
Washington, D.C.
- Meiklejohn, John Hollis
Wellesley, Massachusetts
- Mercier, John Randall
Wilmette, Illinois
- Merrell, Woodson Charles
Pittsburgh, Pennsylvania
- Merrick, Brian John
New York, New York
- Mersereau, Warren Wilder
Glen Rock, New Jersey
- Michael, James Elder, Jr.
Gambier, Ohio
- Micheltmore, Thomas Richard
Westbury, New York
- Miller, Thomas Edwin Stephenson
Bloomington, Indiana
- Mintzer, Paul
Brooklyn, New York
- Mongillo, Peter Carmen, Jr.
Southington, Connecticut
- Morray, Jeffrey Parker
Schenectady, New York
- Murray, James Montagu
Kahului, Maui, Hawaii
- Myers, Fred Ralph
Narberth, Pennsylvania
- Nathan, Robert Stuart
Clayton, Missouri
- Naughton, Michael James
Old Saybrook, Connecticut
- Nazario, Nelson, Jr.
New York, New York
- Neale, Christopher Edwin
Jenkintown, Pennsylvania
- Neale, Timothy Arthur
Jenkintown, Pennsylvania
- Neff, Douglas Cameron
Nashville, Tennessee
- Nelson, Eric George
Wakefield, Massachusetts
- Nicklas, Brent Robert
Cooperstown, New York
- Nielsen, Robert Warner
Wilton, Connecticut
- Norris, Kingsley Chamberlain, II
Locust, New Jersey
- O'Connell, John Geoffrey
Worcester, Massachusetts
- Ogden, Richard Leslie
Harrison, New York
- Oliphant, Thomas Pritchard
Albany, New York
- Osborn, Earl Dodge
Belvedere, California
- Parakilas, James Paul
Enfield, Connecticut
- Patterson, Eric Haines
Winchester, Massachusetts
- Pattillo, Manning Mason, III
Webster Groves, Missouri
- Phillips, Richard James
Westfield, New Jersey
- Porter, David Hill
Wellesley, Massachusetts
- Post, Jonathan French Scott
Rochester, New York
- Potanka, Edward Paul
Avon, Connecticut
- Quinn, Daniel Richard
Uncasville, Connecticut
- Ragland, Lawrence Carey
Lawrenceville, Virginia
- Ransmeier, Denis Sirera
Concord, New Hampshire
- Redhorse, David
Farmington, New Mexico
- Reich, Jay Allen
Pittsburgh, Pennsylvania
- Reichelderfer, Mark
Winnetka, Illinois
- Reicher, Thomas Zachary
Syracuse, New York
- Reichert, Robert Allan
Wilmette, Illinois
- Reimherr, John Philip
Schenectady, New York
- Reinus, John Francis
New York, New York
- Reynolds, David Spencer
West Barrington, Rhode Island
- Richmond, John Hart
Tucson, Arizona

AMHERST COLLEGE

- Roby, David Stafford
Berlin, Connecticut
- Roeder, Richard Kenneth
Summit, New Jersey
- Rosenblum, Peter Marc
New York, New York
- Rothendler, James Adam
Scarsdale, New York
- Rutter, William Whitfield, Jr.
Wakefield, Massachusetts
- Ryder, Jeff Wreden
Miami, Florida
- Sanger, David Maurice
Tenafly, New Jersey
- Sarafan, Peter Michael
Rockville Centre, New York
- Sayle, Kenneth Ted
Larchmont, New York
- Schmerler, George William
Baltimore, Maryland
- Schumaker, Mark Bennett
Syracuse, New York
- Seim, Anders
Rye, New York
- Sessions, Stuart Lunsford
St. Louis, Missouri
- Seward, Stephen Clark
Wappingers Falls, New York
- Shako, Brent William
Latham, New York
- Shaw, Warren Hansen
York, Maine
- Sheehan, Gerard John
Irvington, New Jersey
- Sheldon, William Burtis
Garden City, New York
- Shevlin, William Winslow
Wakefield, Massachusetts
- Shiboh, Mitsukazu
Tokyo, Japan
- Sidman, Lawrence Richard
Chestnut Hill, Massachusetts
- Sievert, Frederick James
Livonia, Michigan
- Silverman, David Lee
Melville, New York
- Sims, Andrew Barnett
New Rochelle, New York
- Sims, Richard Verden
Summit, New Jersey
- Smith, Milford Knowles, Jr.
Rutland, Vermont
- Smith, Stewart Wylie
Pittsburgh, Pennsylvania
- Smythe, Charles Wyatt, Jr.
Haverford, Pennsylvania
- Smythe, Christopher Earnshaw
Rye, New York
- Soule, Robert Monroe, Jr.
Melrose, Massachusetts
- Southworth, Jeffrey Glidden
Averill Park, New York
- Spears, James Millard
Palo Alto, California
- Spiegel, Lawrence Alan
Portland, Maine
- Spielman, Robert Morris
West Orange, New Jersey
- Stern, Steven
Elkins Park, Pennsylvania
- Steul, Frederick William, Jr.
North Syracuse, New York
- Stewart, Colin Emerson
Chapel Hill, North Carolina
- Strandburg, Robert John
Chappaqua, New York
- Strayhorn, Joseph Mallory, Jr.
Nashville, Tennessee
- Sucsy, Robert James
East Hampton, New York
- Swainbank, Daniel Robinson
St. Johnsbury, Vermont
- Swift, Douglas Albert
Syracuse, New York
- Swigert, Stephen Bruce
Webster Groves, Missouri
- Talbot, Jones Harold, III
Springfield, Massachusetts
- Taylor, Robert Campbell
West Hartford, Connecticut
- Thamavit, Sansoen
Bangkok, Thailand
- Thistlethwaite, James Richard, Jr.
Washington, D.C.
- Thompson, David Sinclair
Swarthmore, Pennsylvania
- Thompson, Richard Stanley
San Bernardino, California
- Thornbury, Arthur Stanley, Jr.
Birmingham, Michigan

FRESHMEN

- | | |
|--|--|
| Triano, George Louis
<i>Naugatuck, Connecticut</i> | Wiedmann, Clark Allen
<i>Palos Verdes, California</i> |
| Trithart, David Irvin
<i>White Plains, New York</i> | Wilcox, William Webb
<i>Meriden, Connecticut</i> |
| Troland, Thomas Hugh
<i>New London, Connecticut</i> | Williams, Charles Barry, Jr.
<i>Jamaica, New York</i> |
| Tucker, Charles Robert
<i>Barrington, Rhode Island</i> | Wilson, Ashley Allen
<i>Ibadan, Nigeria</i> |
| Turow, Scott Frederic
<i>Winnetka, Illinois</i> | Wilson, Steven Brooks
<i>Pittsford, New York</i> |
| Uyehara, Christopher Ken
<i>West Chester, Pennsylvania</i> | Winn, Dennis Lee
<i>Dallas, Texas</i> |
| Van Etten, David Hoyt
<i>Laconia, New Hampshire</i> | Winslow, James Weeks
<i>Tarboro, North Carolina</i> |
| Vetterling, William Thomas
<i>Greenfield, Massachusetts</i> | Wise, Russell Edward, Jr.
<i>West Hartford, Connecticut</i> |
| Viall, Thomas Radford
<i>East Providence, Rhode Island</i> | Witten, Montgomery Wray
<i>Bronxville, New York</i> |
| Vournas, George Christopher
<i>St. Louis, Missouri</i> | Wodlinger, Eric Winslow
<i>Kodiak, Alaska</i> |
| Ward, Calvin Peter, Jr.
<i>Chicago, Illinois</i> | Wold, Ronald Odin
<i>Beaverton, Oregon</i> |
| Ward, Philip John
<i>Springfield, Massachusetts</i> | Wolff, Peter Uri
<i>Syracuse, New York</i> |
| Ward, Steven Eric
<i>Newton, Massachusetts</i> | Wood, Robert Aldace
<i>West Boylston, Massachusetts</i> |
| Wardley, George Paul
<i>Madison, New Jersey</i> | Woolf, Burton Israel
<i>Brookline, Massachusetts</i> |
| Waskiewicz, David Edward
<i>Amherst, Massachusetts</i> | Worth, Donald Baxter
<i>Mitaka-Shi, Tokyo, Japan</i> |
| Webber, Alan Michael
<i>St. Louis, Missouri</i> | Yaghjian, David Henry
<i>Columbia, South Carolina</i> |
| Weber, Eric Williams
<i>Mountain Lakes, New Jersey</i> | Zarin, David Paul
<i>South Orange, New Jersey</i> |
| Weiner, Michael Seth
<i>Bronx, New York</i> | Zenick, Mark William
<i>Waterbury, Connecticut</i> |
| Weinhaus, Richard Steven
<i>St. Louis, Missouri</i> | Zimmerman, John Jeffrey
<i>Algonquin, Illinois</i> |
| Weir, William Thomas
<i>Hiram, Ohio</i> | Zoulalian, George Paul
<i>Revere, Massachusetts</i> |
| Wessels, Stephen Wallace
<i>West Hartford, Connecticut</i> | Zuckerman, Lanny Marc
<i>Yorktown Heights, New York</i> |

AMHERST COLLEGE

SUMMARY OF ENROLLMENT

Graduate Students	1	Sophomores, Class of 1969 . . .	299
Seniors, Class of 1967	300	Freshmen, Class of 1970	318
Juniors, Class of 1968	303	Students not enrolled for a degree	5
		Total	1226

CLASSIFICATION BY RESIDENCE

New York	269	West Virginia	2
Massachusetts	175	Wyoming	2
New Jersey	106	Arkansas	1
Connecticut	91	Georgia	1
Pennsylvania	82	Mississippi	1
Illinois	48	Nebraska	1
Ohio	42	New Mexico	1
Maryland	38	Utah	1
California	28	Japan	7
Michigan	26	Canada	6
Virginia	21	Hong Hong	5
Missouri	20	Greece	3
Minnesota	19	England	2
District of Columbia	15	France	2
New Hampshire	15	Indonesia	2
Rhode Island	15	Italy	2
Maine	14	Kenya	2
Florida	12	Malaysia	2
Tennessee	10	Belgium	1
Vermont	10	Bermuda	1
Arizona	8	Brazil	1
Oregon	8	Ecuador	1
Delaware	7	Finland	1
Texas	7	India	1
Washington	7	Iran	1
Colorado	6	Libya	1
Hawaii	6	Mexico	1
Iowa	6	Nigeria	1
Kentucky	6	Pakistan	1
Montana	6	Puerto Rico	1
South Carolina	6	Scotland	1
Indiana	5	Senegal	1
North Carolina	5	Tanzania	1
Wisconsin	5	Thailand	1
Alabama	3	Uganda	1
Louisiana	3	Uruguay	1
Oklahoma	3	Venezuela	1
Alaska	2	West Germany	1
Idaho	2	Total	1220

VI

THE SOCIETY OF THE ALUMNI

THE ALUMNI COUNCIL

THE ALUMNI ASSOCIATIONS

The Society of the Alumni

OFFICERS

Honorary President: Russell L. Davenport, '12

President: Howard O. Colgan, Jr., '32

Vice Presidents: Howard F. Burns, '12; David C. Hale, '17; Frank C. A. Myers, '22; Lydon F. Maider, '27; Keith P. Pattengill, '37

Secretary-Treasurer: J. Alfred Guest, '33

COMMITTEES

Nominating Committee: Earl W. Merrill, '27 (Chairman); Jerome F. Peck, Jr., '37; J. Robert Rowley, '42; Robert W. Wilson, '47; Hal P. Eastman, Jr., '52

Inspectors of Election: William H. Ross, '29 (Chairman); John H. Hills, '31; H. Hills Skillings, '38

Committee to Nominate Alumni Trustees: Jesse R. Fillman, '27 (Chairman); Arthur D. Baldwin, M.D., '32; Theodore S. Bacon, Jr., '42; Edward E. Phillips, III, '52; Robert A. Ward, '57

The Annual Meeting of The Society of the Alumni is held in Commencement Week.

The Alumni Council

OFFICERS

Chairman: Howard O. Colgan, Jr., '32

Secretary: J. Alfred Guest, '33

EXECUTIVE COMMITTEE

Miner D. Crary, Jr., '42 (Chairman); Leonard P. Moore, '19; Stephen W. Grant, '30; Leonard K. Guiler, '35; George L. Shinn, '45; George B. Beitzel, '50; James B. Lyon, '52

REPRESENTATIVES OF CLASSES

1892	Allan P. Ball	1923	Winthrop Tilley
1894	Cornelius S. Hurlbut	1924	Richard S. Kyle
1900	Osmond J. Billings	1925	Merton L. Griswold
1901	Joseph Warner	1926	Paul C. French
1902	Louis R. Herrick (deceased)	1927	Philip R. Chase
1903	Albert W. Atwood	1928	Stephen Brown
1904	Ernest M. Whitcomb	1929	Geoffrey G. Felt
1905	Charles C. McTernan	1930	Richard W. Loud
1906	Carl E. Hollender	1931	S. Harris Johnson, III
1907	Chester H. Andrews	1932	Edward A. Buck
1908	Hugh W. Hubbard	1933	Grant N. Nickerson
	Robert H. Kennedy	1934	John W. White
1909	H. Ladd Smith (deceased)	1935	Arthur R. English
1910	John Porter	1936	George T. Bristol, Jr.
1911	Laurence W. Roberts	1937	Richard S. Zeisler
1912	C. Francis Beatty	1938	Bennett Meyers
1913	Samuel H. Cobb (deceased)	1939	Channing B. Richardson
1914	Maurice F. Childs	1940	Louis F. Eaton, Jr.
1915	William Whiting	1941	Robert G. Ingraham
1916	Homans Robinson	1942	John T. Heald
1917	Donald E. Temple	1943	Andrew Fisher
	Eric H. Marks	1944	Meredith N. Stiles
1918	Augustus W. Bennet	1945	Samuel F. Trull
1919	Herman W. Wessel	1946	Robert W. Sucsy
1920	Perry B. Jenkins	1947	Edwin C. Van Valey
1921	Myron H. Smith	1948	Bruce K. Skipton
1922	Edward S. O'Donnell		

THE ALUMNI COUNCIL

1949	Samuel B. Tingley	1958	John E. G. Bischof
1950	Frank G. Stisser, Jr.	1959	Peter T. Esty
1951	Thomas H. Wyman	1960	David I. Shactman
1952	Winston R. Hindle, Jr.	1961	John J. Locke
1953	Peter Schrag	1962	Ralph E. Ardiffe, Jr.
1954	Jon F. Oster	1963	Mark E. Meyerson
1955	Alling Brown	1964	Peter D. Kleinman
1956	Peter G. Hindle	1965	William R. Buechner
1957	Kenneth N. Kermes	1966	Charles K. Wray

REPRESENTATIVES OF ALUMNI ASSOCIATIONS

<i>Baltimore</i>	<i>Indiana</i>
Stephen T. Ellen, '37	George M. Waller, '41
<i>Boston</i>	<i>Michigan</i>
Marcus G. Beebe, '36	Richard J. Langs, '55
<i>Cape Cod</i>	<i>Minnesota</i>
Nelson Stone, '13	Donald T. Nightingale, '57
<i>Central Massachusetts</i>	<i>New Hampshire</i>
J. Joseph Kelly, Jr., '41	Howard B. Lane, '26
<i>Central New York</i>	Harold C. F. Hammerstrom, '28
Philip R. Chase, Jr., '58	<i>New York</i>
<i>Chicago</i>	Peter J. Weiller, '56
Robert B. Jurchow, '44	James H. Balmos, '50
Austin M. Zimmerman, '31	<i>Northeastern New York</i>
<i>Cincinnati</i>	Halstead C. Ling, '29
Stuart J. Swensson, Jr., '46	<i>Northern California</i>
<i>Columbus</i>	Nixon C. Elliott, Jr., '45
Daniel M. Galbreath, '50	Stuart Leeb, '50
<i>Connecticut</i>	<i>Northern Ohio</i>
Mather H. Neill, '40	Robert G. McCreary, '40
Samuel F. Trull, '45	<i>Philadelphia</i>
<i>Connecticut Valley</i>	Herbert H. Middleton, Jr., '50
Edward J. Barry, '50	William J. McLaughlin, III, '50
<i>Florida—East Coast</i>	<i>Phoenix</i>
Orin M. Phelps, '24	Eric H. Marks, '17
<i>Florida—West Coast</i>	<i>Rhode Island</i>
James J. Corral, '40	Allen H. Howland, '42
<i>Georgia</i>	<i>Rochester</i>
Ingram Dickinson, '26	G. Sheldon Brayer, '52
<i>Hawaii</i>	Robert G. McGrath, '52
Alexander C. Marrack, '55	<i>Rocky Mountain</i>
	Frederick K. Conover, II, '55

AMHERST COLLEGE

St. Louis

William E. Ball, '44

Southern California

Richard W. Patton, '54

Southern Connecticut

Robert K. Tisdall, '50

Texas (Dallas)

John D. Harris, '34

Texas (Houston)

Jules E. Schneider, Jr., '52

The Columbia

Edgar A. Taylor, Jr., '30

Tucson

William H. Creamer, '36

Washington, D.C.

Henry T. Rathbun, '44

George Spiegel, '41

Washington (State)

William A. Vance, '55

Westchester

Clifford B. Storms, '54

Western New York

W. Barry Mallon, Jr., '44

Western Pennsylvania

Ralph L. Harding, Jr., '42

Wisconsin

Robert G. Hottensen, '40

FOREIGN

France

Charles Torem, '35

Great Britain

Donald E. Hardy, '16

MEMBERS AT LARGE

Richard S. Kyle, '24

Stephen W. Grant, '30

E. Sherman Adams, '31

Howard O. Colgan, Jr., '32

Brainerd Chapman, '33

Leonard K. Guiler, '35

Miner D. Crary, Jr., '42

Robert D. Dills, '43

George L. Shinn, '45

Robert J. McKean, Jr., '50

Richard F. deLima, '51

Allan S. Lerner, '51

James B. Lyon, '52

Seth H. Dubin, '54

The Alumni Associations

1966-1967

EASTERN & SOUTHERN ASSOCIATIONS

The Association of Boston. *President:* David D. McNeish, '49, 19 Congress Street, Boston, Massachusetts 02110. *Secretary:* Lucian J. Colucci, '37, 17 Outlook Road, Wakefield, Massachusetts 01880.

The Association of Cape Cod. *President:* Nelson Stone, '13, Rendezvous Lane, Barnstable, Massachusetts 02630. *Secretary:* C. Robin Turner, '55, Box 745, Chatham, Massachusetts 02633.

The Association of Central Massachusetts. *President:* Seward E. Pomeroy, '46, 29 Berwick Lane, Worcester, Massachusetts 01602. *Secretary:* Richard W. Mirick, '41, 9 Burgess Road, Worcester, Massachusetts 01609.

The Connecticut Valley Association. *President:* Robert T. Fitzpatrick, '52, 146 Morgan Street, Holyoke, Massachusetts 01041. *Secretary:* John G. Turner, '61, 32 Elmwood Avenue, Longmeadow, Massachusetts 01106.

The Association of Connecticut. *President:* L. Richard Lyman, Jr., '47, 31 Glendale Road, West Hartford, Connecticut 06107. *Secretary:* James E. Anderson, '57, Conn. Gen'l. Life Ins. Co., Hartford, Connecticut 06115.

The Association of Southern Connecticut. *President:* Victor R. Pattengill, '39, Devil's Garden Road, South Norwalk, Connecticut 06854. *Secretary:* Thomas A. Halleran, III, '56, 2 Olmstead Court, New Canaan, Connecticut 06840.

The Association of New Hampshire. *President:* David G. Underwood, II, M.D., '54, 29 Rumford Street, Concord, New Hampshire 03301. *Secretary:* John F. Swope, '60, 173 Mountain Road, Concord, New Hampshire 03301.

The Association of Rhode Island. *President:* William E. Traver, II, '42, 169 Rumstick Road, Barrington, Rhode Island 02806. *Secretary:* William M. McCormick, '50, 92 Wheeler Avenue, Cranston, Rhode Island 02905.

The Association of New York. *President:* William E. Whitney, Jr., '54, c/o Ogilvy Mather, Inc., 2 East 48th Street, New York 10017. *Secretary:* Robert K. Slote, '51, c/o Abraham & Co., 120 Broadway, New York 10005.

The Association of Westchester. *President:* Robert C. Ransom, '41, 22 Gladwin Place, Bronxville, New York 10708. *Secretary:* William W. Collins, '53, 47 Grace Church Street, Rye, New York 10580.

AMHERST COLLEGE

The Association of Northeastern New York. *President:* Donald A. MacHarg, '38, 4 Mayfair Drive, Slingerlands, New York 12159. *Secretary:* James E. Siggins, '52, R.F.D. Box 22, Feura Bush Road, Delmar, New York 12054.

The Association of Central New York. *President:* Robert B. Simonton, '54, West Lake Road, Cazenovia, New York 13035. *Secretary:* Jan R. Farr, '55, 311 Warner Avenue, Syracuse, New York 13205.

The Association of Western New York. *President:* Richard L. Gernold, '60, 6635 East Quaker, Orchard Park, New York 14127. *Secretary:* James W. Greene, '61, 143 Highland Avenue, Buffalo, New York 14222.

The Association of Rochester. *President:* Stephen H. Waite, '58, 86 Nunda Boulevard, Rochester, New York 14610. *Secretary:* Robert S. Charles, '57, 16 Poplar Drive, Rochester, New York 14625.

The Association of Philadelphia. *President:* George C. Corson, Jr., '56, Box 181, Schultz Road, Worcester, Pennsylvania 19490. *Secretary:* Franklin A. Wurman, '53, 4 Windsor Avenue, Melrose Park, Philadelphia, Pennsylvania 19126.

The Association of Western Pennsylvania. *President:* Edwin J. Titsworth, '41, Koppers Building, Pittsburgh, Pennsylvania 15219. *Secretary:* Robert L. Munroe, '53, 613 Berkshire Drive, Pittsburgh, Pennsylvania 15215.

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